

## **PASO II**

Recessed floor  
luminaire

Systematic lighting  
competence: now  
with innovative LED  
technology.



[linked](#)

All order numbers in the PDF are linked  
to the Zumtobel online catalogue.

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strike a perfect balance between  
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**ZUMTOBEL**



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## **PASO II**

### The art of setting the lighting stage

PASO II hits all the right buttons when it comes to setting dramatic contemporary lighting scenes whilst remaining unobtrusive itself. PASO II is a great solution even for stylistically sensitive façades and interiors: the compact model of the recessed floor luminaire without a frame fits into any scenario perfectly.

The luminaire itself – not just the diffuser – is round or square. A generous helping of lighting technology packed into 3 different size models allows fine tuning to meet a variety of needs. Cover frames and glass diffuser panels make unsightly screw heads, lampholders and swivelling mechanisms disappear. Corrosion-resistant steel ensures that the luminaire retains its natural sheen for many years.



PASO II D190 LED 4 x 2 W | Cool white

## PASO II

One luminaire, many ways

The PASO II recessed floor luminaire is an extremely versatile lighting tool for architectural lighting. It can handle both decorative and functional tasks in indoor as well as outdoor areas. The luminaire itself remains unobtrusively in the background. The only thing that counts is the light and all its different variations.







Lighting solution: PASO II D120 LED 3 x 1,2 W, PASO II D190 HIT

## PASO II sizes and shapes

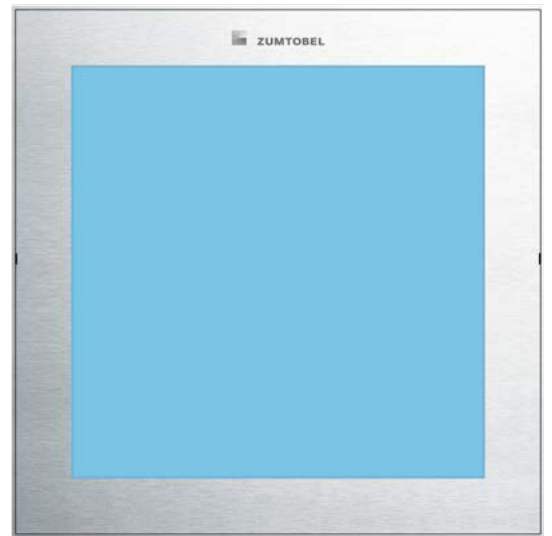
Three-dimensionally square and round



PASO II Q120 LED  
1 x 1,2 W | Warm white (WW)



PASO II Q190 LED  
4 x 2 W | Cool white (WD)



PASO II Q260 LED  
8 x 3 W | RGB

With PASO II, we have managed to design an extensive product line that features high quality across the entire range. In all model sizes, the focus is on latest-generation luminaires featuring modern LED technology. This provides greater diversity of choice in terms of both design and lighting quality.

Square and round luminaires available in three sizes and two overall heights make the PASO II luminaire range absolutely perfect for projects of any size. That's not all: the versatility of this system means that designers have almost unlimited choice when it comes to creative design, lighting effects and the option of indoor or outdoor locations.

PASO II recessed floor luminaires all share certain common distinguishing quality characteristics: shallow mounting depths, excellent thermal management and a patented, reliable sealing system. Easy installation and wiring are other features which apply throughout the entire product range.



**PASO II D120 LED**  
1 x 1,2 W | Warm white (WW)



**PASO II D190 LED**  
4 x 2 W | Cool white (WD)



**PASO II D260 LED**  
8 x 3 W | RGB

#### Model sizes

Round:  
 $\varnothing$  120 mm,  $\varnothing$  190 mm,  $\varnothing$  260 mm  
 Square:  
 $\square$  120 mm,  $\square$  190 mm,  
 $\square$  260 mm (100 mm recessed depth only)

#### Frame

Overlapping (with concealed screw heads)  
 Flush fitting  
 Frameless (120 mm size only)

#### Max. load capacity

Up to 1,000 kg  
 (model without frame up to 500 kg)

#### Protection type

IP 67 | Also for models without frame

#### Orientation luminaires

Frosted glass covers

#### Accent spotlights

Tilts 15° to 20° either side |  
 Partially frosted glass covers to illuminate (historic) sculptures, figurines, columns and façades

#### Application areas

Indoor and outdoor locations

#### Installation options

Floor, wall or ceiling mounted

#### Accessories

Concrete casting surround  
 Installation kits  
 Honeycomb mesh  
 Glass filters

## PASO II frame styles

Overlapping, flush fitting, frameless

PASO II luminaires are available in up to three different frame designs. This makes it possible to achieve various looks and impressions. This diversity makes this luminaire product line both a design feature and a problem solver. It also opens up attractive ways of adapting the luminaire to suit the architecture, interior or colour scheme in any application situation.

### PASO II | OVERLAPPING



**Concealing problem areas** Not all flooring materials can be cut precisely to match the shape of a luminaire. Tiles, plastic floor coverings and carpets can only be cut at great expense or to a limited extent. In such cases, a cover frame hides problem areas around the casting surround. With its low profile, it provides a matching frame for the luminaire – without exposed screw heads.

### PASO II | FLUSH FITTING



**Building without barriers** Just a few millimetres are often enough to cause accidents or hinder free movement of wheelchair users. PASO II recessed floor luminaires smooth the way for circulation areas. All sizes of this luminaire are available as units that are completely flush fitting.

### PASO II | FRAMELESS



**Doing away with a metal frame** The smallest of the three models (PASO II D/Q 120) can be stripped down even further. By deliberately dispensing with a solid special-steel frame, the luminaire emphasises the harmonious overall architectural picture. It even goes well with yellow metals such as brass or gold. Four torque screws secure the luminaire glass firmly so that it is burglar-proof.



PASO II D120 LED Overlapping  
3 x 1,2 W | Cool white (WD)



PASO II D120 LED Flush fitting  
3 x 1,2 W | Cool white (WD)



PASO II D120 LED Frameless  
3 x 1,2 W | Cool white (WD)

## PASO II LED

Many talented new additions to the product line

The highlight of the latest extension to the PASO II product range is a large number of innovative LED models. Thanks to modern LED technology, all optics, shapes and sizes achieve high levels of performance and are extremely energy-efficient: round or square, all diameters and side lengths – 120 mm, 190 mm or 260 mm.

Besides efficient lighting technology, the new LED luminaires have another advantage: sophisticated thermal management. As accessible surfaces become no warmer than 40°C and are thus safe to touch, the luminaire can be used in areas frequented by the public without the need for additional protective measures. Further attractive features for users include lower energy consumption and a very long service life.

**Groundbreaking SoftLED** In PASO II orientation luminaires, innovative LED technology is used as the primary light source. It allows decorative monochromatic or variable RGB colour pinpoint lighting. When fitted with a completely frosted glass cover, all three different size luminaires produce accurate, glare-free light.

**Extra powerful PowerLED** PASO II has turned a vision into reality: energy-saving light-emitting diodes can now handle even demanding lighting tasks. These luminaires fitted with PowerLEDs can be powered directly from the mains supply. The accent spotlights use swivellable optics and partially frosted glass diffusers to focus white or coloured light into impressively narrow-beam columns of light.



Power LEDs | Cool white

### Luminaire luminous flux and luminaire efficiency (depending on type)

PASO II 120 mm 3 x 1.2 W: 148 lm | 41 lm/W

PASO II 190 mm 4 x 2 W: 243 lm | 30 lm/W

PASO II 260 mm 7 x 2 W: 518 lm | 25 lm/W

### Light colours

PowerLED: Warm white, cool white, colour changing RGB

SoftLED: Warm white, cool white, colour changing RGB

### Colour temperature

Warm white (WW): 3200 K

Cool white (WD): 6650 K

Intermediate white (NW): On inquiry

### Control (depending on type)

Monochrome 230 V: switchable

LED RGB 24 V: DALI sequencer (1–10 V)

LED RGB 230 V: DALI dimmable (only)

| Model size                             | Orientation             | Accent lighting          |
|--|-------------------------|--------------------------|
| PASO II 120 mm                         | SoftLED Warm white (WW) | PowerLED Warm white (WW) |
|  | SoftLED Cool white (WD) | PowerLED Cool white (WD) |
|  | SoftLED RGB             | PowerLED RGB             |
| PASO II 190 mm (100 mm recessed depth) | SoftLED Warm white (WW) | -                        |
|  | SoftLED Cool white (WD) | -                        |
|  | SoftLED RGB             | -                        |
| PASO II 190 mm                         | -                       | PowerLED Warm white (WW) |
|  | -                       | PowerLED Cool white (WD) |
|  | -                       | PowerLED RGB             |
| PASO II 260 mm (100 mm recessed depth) | SoftLED RGB             | -                        |
| PASO II 260 mm                         | -                       | PowerLED Warm white (WW) |
|  | -                       | PowerLED Cool white (WD) |



















PASO II D260 LED 7 x 2 W | Cool white


















# PASO II

## System overview



















### PASO II D120

|  |   |   |  |  |   |   |
|--|---|---|--|--|---|---|
| <b>Glass diffuser</b><br>(optionally anti-slip glass)  |  Partially frosted glass       |  Partially frosted glass           |  Frosted glass        |  Frosted glass            |  Frosted glass           |  Partially frosted glass           |
| <b>Honeycomb mesh</b><br>(with filter holder)          | Not possible  | Not possible  | Not possible   | Not possible   | Not possible  |                                    |
| <b>Colour filter/IR filter</b><br>(with filter holder) | Not possible  | Not possible  | Not possible   | Not possible   | Not possible  |                                    |
| <b>Light source</b>                                    | PowerLED 3 x 1.2 W<br> 2 x 22° | PowerLED RGB 3 x 1.2 W<br> 2 x 22° | SoftLED 1 x 1.2 W<br> | SoftLED RGB 1 x 4.3 W<br> | TCR-TSE 1 x 6 W flat<br> | QR-CBC 51.1 x 20 W IRC<br> 2 x 20° |
| <b>Frame styles</b>                                    |  Overlapping                   |   |  |  Flush fitting            |   |  Frameless                         |
| <b>Casting surround kit</b>                            |                              |   |  |  |   |   |
















### PASO II D190 ET 100

|  |   |  |   |
|--|---|--|---|
|  Frosted glass      |  Frosted glass           |  Frosted glass      |  Partially frosted glass |
| Not possible   | Not possible  |                     |                          |
| Not possible   | Not possible  |                     |                          |
| SoftLED 4 x 2 W<br> | SoftLED RGGB 4 x 2 W<br> | TC-DEL 1 x 10 W<br> | HIT-TC-CE 1 x 20 W<br>   |
|  Overlapping        |   |  Flush fitting      |   |
|                   |   |  |   |

### PASO II Q120

|  |   |   |  |  |   |   |
|--|---|---|--|--|---|---|
| <b>Glass diffuser</b><br>(optionally anti-slip glass)  |  Partially frosted glass       |  Partially frosted glass           |  Frosted glass        |  Frosted glass            |  Frosted glass           |  Partially frosted glass           |
| <b>Honeycomb mesh</b><br>(with filter holder)          | Not possible  | Not possible  | Not possible   | Not possible   | Not possible  |                                    |
| <b>Colour filter/IR filter</b><br>(with filter holder) | Not possible  | Not possible  | Not possible   | Not possible   | Not possible  |                                    |
| <b>Light source</b>                                    | PowerLED 3 x 1.2 W<br> 2 x 22° | PowerLED RGB 3 x 1.2 W<br> 2 x 22° | SoftLED 1 x 1.2 W<br> | SoftLED RGB 1 x 4.3 W<br> | TCR-TSE 1 x 6 W flat<br> | QR-CBC 51.1 x 20 W IRC<br> 2 x 20° |
| <b>Frame styles</b>                                    |  Overlapping                   |   |  |  Flush fitting            |   |  Frameless                         |
| <b>Casting surround kit</b>                            |                                |   |  |  |   |   |

### PASO II Q190 ET 100

|  |   |  |   |
|--|---|--|---|
|  Frosted glass      |  Frosted glass           |  Frosted glass      |  Partially frosted glass |
| Not possible   | Not possible  |                     |                          |
| Not possible   | Not possible  |                     |                          |
| SoftLED 4 x 2 W<br> | SoftLED RGGB 4 x 2 W<br> | TC-DEL 1 x 10 W<br> | HIT-TC-CE 1 x 20 W<br>   |
|  Overlapping        |   |  Flush fitting      |   |
|                     |   |  |   |



PASO II D190

|                                 |  |                     |   |                                    |
|---------------------------------|--|---------------------|---|------------------------------------|
|                                 |  |                     |   |                                    |
| Partially frosted glass         | Partially frosted glass                  | Frosted glass       | Partially frosted glass                   | Partially frosted glass            |
| Not possible                    | Not possible                             |                     |   |                                    |
| Not possible                    | Not possible                             |                     |   |                                    |
| PowerLED 4 x 2 W<br>2 x 15°<br> | PowerLED RGGGB<br>4 x 2 W<br>2 x 15°<br> | TC-TEL 1 x 18 W<br> | HIT-TC-CE G8.5<br>1 x 20 W<br>2 x 20°<br> | QR 111 1 x 30 W IRC<br>2 x 30°<br> |
|                                 |  |                     |   |                                    |
|                                 |  |                     |   |                                    |

PASO II D260 ET 100

|                           |                     |  |
|---------------------------|---------------------|--|
|                           |                     |  |
| Frosted glass             | Frosted glass       | Partially frosted glass                                |
| Not possible              |                     |  |
| Not possible              |                     |  |
| SoftLED RGB 1 x 8.3 W<br> | TC-DEL 1 x 18 W<br> | HIT-TC-CE G8.5 1 x 20 W<br>HIT-TC-CE G8.5 1 x 35 W<br> |
|                           |                     |  |
|                           |                     |  |

PASO II D260

|                                 |   |                        |   |
|---------------------------------|---|------------------------|---|
|                                 |   |                        |   |
| Partially frosted glass         | Partially frosted glass                   | Frosted glass          | Partially frosted glass                                   |
| Not possible                    | Not possible                              | Not possible           |   |
| Not possible                    | Not possible                              |                        |   |
| PowerLED 7 x 2 W<br>2 x 15°<br> | PowerLED RGGGBB<br>7 x 2 W<br>2 x 15°<br> | TC-TEL 1 x 26/32 W<br> | HIT-CE G12 1 x 35 W<br>HIT-CE G12 1 x 70 W<br>2 x 15°<br> |
|                                 |   |                        |   |
|                                 |   |                        |   |

PASO II Q190

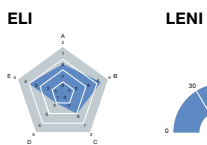
|                                 |  |                     |   |                                    |
|---------------------------------|--|---------------------|---|------------------------------------|
|                                 |  |                     |   |                                    |
| Partially frosted glass         | Partially frosted glass                  | Frosted glass       | Partially frosted glass                   | Partially frosted glass            |
| Not possible                    | Not possible                             |                     |   |                                    |
| Not possible                    | Not possible                             |                     |   |                                    |
| PowerLED 4 x 2 W<br>2 x 15°<br> | PowerLED RGGGB<br>4 x 2 W<br>2 x 15°<br> | TC-TEL 1 x 18 W<br> | HIT-TC-CE G8.5<br>1 x 20 W<br>2 x 20°<br> | QR 111 1 x 30 W IRC<br>2 x 30°<br> |
|                                 |  |                     |   |                                    |
|                                 |  |                     |   |                                    |

PASO II Q260 ET 100

|                           |                     |  |
|---------------------------|---------------------|--|
|                           |                     |  |
| Frosted glass             | Frosted glass       | Partially frosted glass                                |
| Not possible              |                     |  |
| Not possible              |                     |  |
| SoftLED RGB 1 x 8.3 W<br> | TC-DEL 1 x 18 W<br> | HIT-TC-CE G8.5 1 x 20 W<br>HIT-TC-CE G8.5 1 x 35 W<br> |
|                           |                     |  |
|                           |                     |  |

## PASO II Application

PASO II LED is the ideal component for a complex lighting solution. This recessed floor luminaire brings a lighting solution to life and enhances it, while room elements are brought to the fore impressively, as this example shows. The luminaires produce brilliant lighting effects for top-class product presentation when used with LED accent spotlights and dynamic background lighting.



**ELI:** The lighting blends into the architecture inconspicuously and makes sure the store has an uncluttered look. There is an interplay between the indirect room light and accent lighting directed onto the merchandise. At the same time, indirect light from the PASO II recessed floor luminaires emphasise the room's architectural elements (columns).

**LENI:** 45.58 kWh/m<sup>2</sup> per annum



Lighting solution: PASO II Q120 LED, SUPERSYSTEM LED spotlight system

## PASO II 120

### Small luminaire for pinpoint accent lighting

With a side length of just 120 mm, the smallest of the three PASO II models provides sophisticated accent lighting and can handle smaller lighting tasks on its own. With a mounting depth of only 140 mm, including the casting surround, the space it requires has also been kept to a minimum.

Solid special steel characterises the appearance of the luminaire – optionally with a frame that is flush with the floor, or an overlapping frame. The model without a frame is a special feature of this range. All that can be seen is the burglar-proof glass secured by four torque screws. PASO II even goes well with yellow metals such as brass or gold.

Typical applications of the small luminaire include retail spaces or wellness areas. It also does a great job of accentuating architectural details such as columns, alcoves or surfaces. Besides new LED technology, traditional light sources such as QR-CBC 51 IRC halogen and MicroLynx F 6 W compact fluorescent lamps can also be used. In this way, the small PASO II luminaire can tackle various lighting tasks from pinpoint illumination through to glare-free diffuse light.

A general-purpose box with IP 67 protection has been developed for installing the control gear. It protects sensitive devices against soiling and moisture.



PASO II D120  
LED RGB 1 x 4,3 W 24 V  
(with cover frame)



PASO II D120  
TCR-TSE 1 x 6 W  
(flush fitting)



PASO II D120  
QR-CBC 51 1 x 20 W IRC  
(frameless)



PASO II D190 LED | Scale 1:1

#### Shapes

Round | Square

#### Sizes

ø 120 mm | □ 120 mm

#### Frame

Overlapping  
Flush fitting  
Frameless

#### Glass diffusers

Partially frosted for accent spotlights  
Completely frosted for orientation luminaires

#### Light sources

QR-CBC 51 1 x 20 W IRC

TCR-TSE 1 x 6 W

LED:

SoftLED 1 x 4.3 W RGB 24 V

SoftLED 1 x 1.2 W 230 V | Warm white (WW) 3200 K, cool white (WD) 6650 K

PowerLED 3 x 1.2 W RGB 24 V

PowerLED 3 x 1.2 W 230 V | Warm white (WW) 3200 K, cool white (WD) 6650 K

#### Control gear

Electronic ballast

#### Accessories

Concrete casting surround

Honeycomb mesh

Glass filters

Installation kit for recessed mounting into walls and ceilings

## PASO II 190

### Far from middling

The medium-size PASO II teams a clear stylistic idiom with compact external dimensions. With a mounting depth of just 160 mm or 220 mm and a diameter or a side length of 190 mm, this luminaire provides sufficient space to accommodate halogen, HIT or compact fluorescent lamps.

Its degree of technical lighting flexibility is equally high. PASO II 190 illuminates retail areas with extreme precision, focuses on architectural details, and guides people through corridors and galleries without glare. TC-TEL compact fluorescent lamps are best suited for guiding tasks. With a tightly focused 1700 lumen package, power-saving HIT-TC-CE 20 W lamps produce intense columns of light.

Efficient LEDs bring colour to columns of light. Colour changing RGB models are available as well as monochrome white models. In luminaires with completely frosted glass diffusers, a PASO II LED provides glare-free illumination of corridors and circulation areas. A low surface temperature of 35°C or 38°C makes the LED models ideal for areas with heavy public footfall, hospitals and wellness areas.

**Easy to install and compact** In the medium-size model and larger units, the control gear is accommodated inside the luminaire housing. Through-wiring is possible thanks to two cable entries.

**Straightforwardly flexible** All reflectors and reflector lamps can be swivelled, thus allowing fine adjustment of the cone of light on site. Compact fluorescent lamps are the only exception.



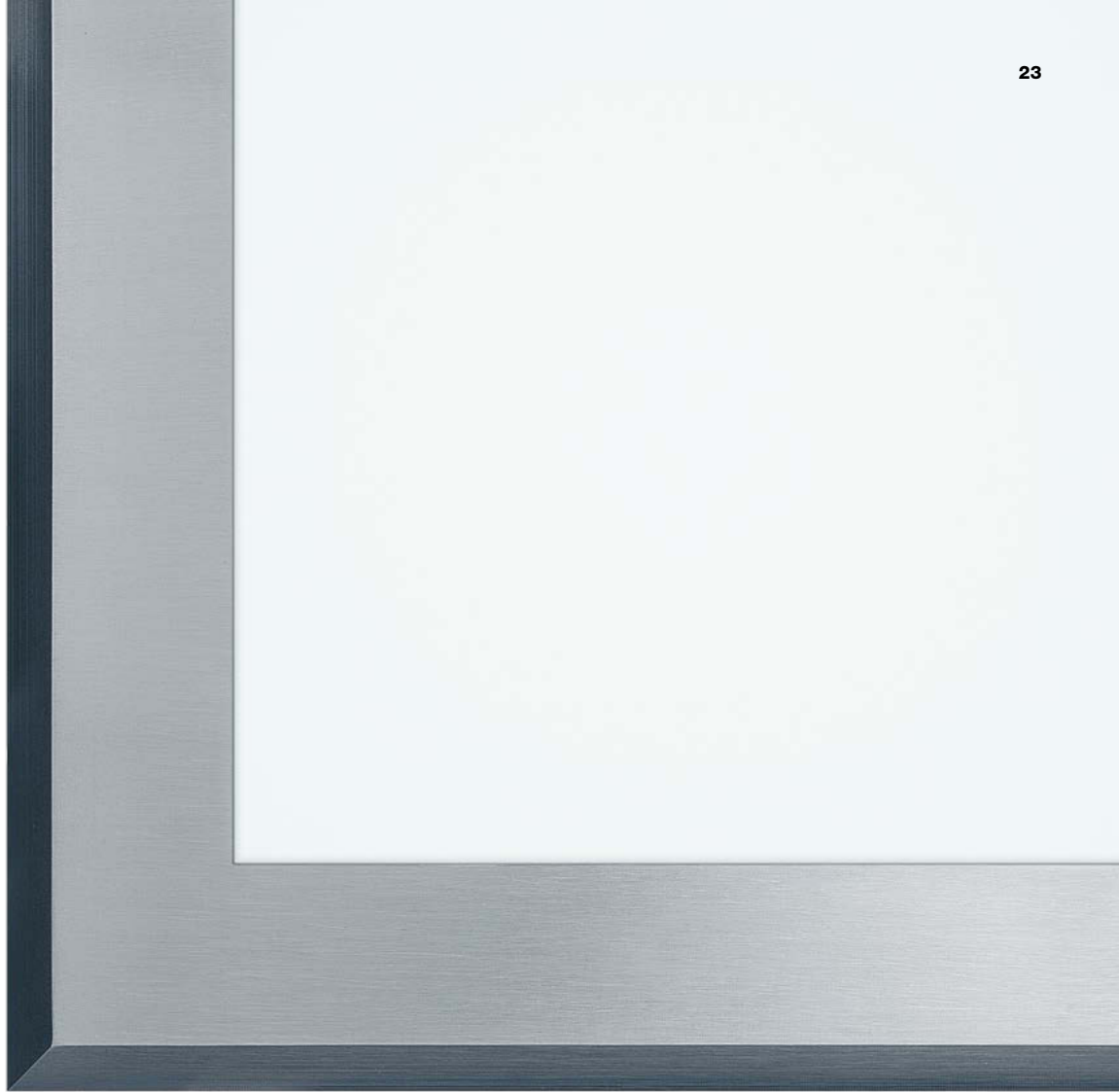
PASO II D190  
LED 4 x 2 W  
(with cover frame)



PASO II D190  
LED RGGB 4 x 2 W  
(flush fitting)



PASO II D190  
QR 111 1 x 30 W IRC  
(with cover frame)



PASO II Q190 LED 4 x 2 W, cool white, completely frosted | Scale 1:1

#### Shapes

Round | Square

#### Sizes

∅ 190 mm | □ 190 mm

#### Frame

Overlapping | Flush fitting

#### Glass diffusers

Partially frosted for accent spotlights

Completely frosted for orientation luminaires

#### Light sources

QR-CBC 51 1 x 20 W IRC

TC-DEL 1 x 10 W

HIT-TC-CE PGJ5 1 x 20 W

TC-TEL 1 x 18 W

HIT-TC-CE G 8.5 1 x 20 W

QR 111 1 x 30 W IRC

LED:

SoftLED 4 x 2 W 230 V | Warm white (WW), cool white (WD)

SoftLED 4 x 2 W RGGG LDE 230 V

PowerLED 4 x 2 W 230 V | Warm white (WW), cool white (WD)

PowerLED 4 x 2 W RGGG 230 V

#### Control gear

Electronic ballast

#### Accessories

Concrete casting surround

Honeycomb mesh

Glass filters

Installation kit for recessed mounting into walls and ceilings

#### Dimmability

DALI | DMX on inquiry

## PASO II 260

A big and powerful presence

Technical lighting “power packages” are used in the large PASO II 260. HIT-TC-CE lamps rated 35 or 70 W in superspot or flood designs set the stage with tall columns of light that attractively illuminate rooms with ceilings as high as 8 metres. Wallwashers with HIT lamps in a horizontal position make it possible to brighten walls uniformly. The TC-TEL 26 W luminaire has a diffuse lighting pattern and can take on much more than simply traditional orientation tasks.

Modern LED technology has achieved a pre-eminent position in this luminaire range. The reasons why are obvious: LED luminaires are powerful and efficient. They offer various colour temperatures and can be used for high-precision accent lighting as well as for decorative tasks.

Like the smaller models, PASO II 260 can also be fitted with colour filters, IR blocking filters and honeycomb meshes.

### Shapes

Round | Square

### Sizes

∅ 120 mm | □ 120 mm

### Frame

Overlapping | Flush fitting

### Light sources

HIT-CE 35 W

HIT-CE 70 W

TC-TEL 32 W

PowerLED 7 x 2 W 230 V

PowerLED 7 x 2 W RGB

### Control gear

Predominantly electronic ballast

### Accessories

Concrete casting surround

Honeycomb mesh

Glass filters

Installation kit for recessed mounting into walls and ceilings



PASO II D260  
LED RGB 8 x 3 W 24 V  
(with cover frame)



PASO II D260  
LED 7 x 2 W  
(flush fitting)



PASO II D260 ET100  
HIT-TC-CE G8.5 1 x 35 W  
(with cover frame, 100 mm  
recessed depth)





PASO II D260 HIT G12 1 x 70 W, flush fitting | Scale 1:1

## PASO II ET100 extra low-profile design

Problem solved thanks to shallow mounting depth

The extra low-profile PASO II, which is available in sizes 190 and 260, is only 100 mm high, including its casting surround. This floor luminaire is not recessed in the concrete but in the actual screeded floor without impacting on structural calculations. This does away with one of the most common obstacles to installing a luminaire in the location that is best from a technical lighting viewpoint.

The extra low-profile model PASO II is also supplied complete with all control gear and two cable glands for through-wiring. The luminaire is installed either flush with the floor or with an overlapping cover frame. In technical lighting terms, this version offers two basic alternatives: a wall-washer with a HIT-TC-CE 20 W or 35 W lamp can be used to throw bright light asymmetrically onto one side of the room or façade without subjecting passers-by to glare, while the 18 W TC-TEL compact fluorescent lamp illuminates a room diffusely without glare.



PASO II Q260 asymmetrical  
100 mm recessed depth

### Designs

Round | Square

### Sizes

ø 190 mm, ø 260 mm | □ 190 mm, □ 260 mm

### Frame

Overlapping | Flush fitting

### Light sources – 190 model

SoftLED 4 x 2 W 230 V | Warm white (WW), cool white (WD)

SoftLED RRGB 4 x 2 W 230 V

TC-DEL 1 x 10 W

HIT-TC-CE PGJ5 1 x 20 W

### Light sources – 260 model

SoftLED RGB 1 x 8.3 W 24 V

TC-DEL 1 x 18 W

HIT-TC-CE G8.5 1 x 20 W

HIT-TC-CE G8.5 1 x 35 W

### Control gear

Electronic ballast

### Dimmability

DALI

DMX on inquiry

### Accessories

Concrete casting surround

Honeycomb mesh

Glass filters

Installation kit for recessed mounting  
into walls and ceilings



PASO II D260 concrete casting surround | Height: 100 mm



PASO II D260 HIT-TC-CE G8.5 1 x 20 W | With cover frame, 100 mm recessed depth

## PASO II Downlight IP 65

Very safe and well protected

The proven technology of the PASO II recessed floor luminaire also makes it a highly desirable downlight. In areas where there is high relative humidity or heavy exposure to dust or insects, this all-round sealed luminaire ensures durability and functional reliability. Selected models are available complete with accessories for recessed mounting.

Typical applications for this luminaire with IP 65 protection include entrance areas, canopy roofs and unenclosed shelters. PASO II also does a valuable job in roofed-over arcades and passageways. A special installation kit for luminaires with a cover frame simplifies installation in suitable ceiling panels. For the flush-mounted model, the casting surround is fixed directly into the ceiling.

Even when PASO II is used as a downlight, relamping is straightforward and does not involve disassembly.





PASO II D190 LED 4 x 2 W, flush fitting | Warm white (WW) 3200 K

**Design**

Round

**Sizes**

ø 190 mm  
ø 190 mm, 100 mm recessed depth  
ø 260 mm

**Frame**

Overlapping | Flush fitting

**Light sources**

HIT-TC-CE G8.5 1 x 20 W  
HIT-TC-CE PGJ5 1 x 20 W  
HIT-CE G12 1 x 35 W and 1 x 70 W  
QR 111 1 x 30 W IRC  
PowerLED 4 x 2 W 230 V | Warm white (WW), cool white (WD)

**Control gear**

Predominantly electronic ballast

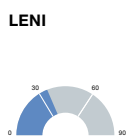
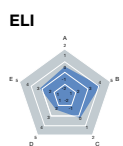
**Accessories**

Concrete casting surround  
Honeycomb mesh  
Glass filters  
Installation kit for recessed mounting into walls and ceilings

## PASO II

Art comes from ability

When it is dark, it is appropriate lighting that allows art and architecture to express themselves fully. Precise lighting technology creates a strong impression. PASO II keeps the luminaire and lighting technology in the background. The main focus here is attractive, contemporary presentation of these historic arches.



ELI: PASO II illuminates these columns and historic arches indirectly. Besides the recessed floor spotlights' architectural function, they also provide sufficient light to make it easier to find one's way round the room. Light directed onto the art objects provides focal lighting points in the room.

LENI: 34.67 kWh/m<sup>2</sup> per annum



Lighting solution: XENO spotlight, PASO II D190 HIT

## PASO II accessories

Safe presence with plenty of effects

**Protecting against glare** Although accessories offer numerous forms of coloured lighting effects and reduced surface temperature, glare limitation is never overlooked. All accessories have been designed so that they can be combined interchangeably.

**Easy fixing of colour filters and honeycomb meshes** Simply click the selected accessories into the filter holder – the only tool needed to install them is your hand. During relamping, they can also be removed by hand and cleaned if necessary.





Special-steel cover frame with camlock catches

Fastening ring

Glass diffuser (anti-slip glass available on request)

Honeycomb mesh

IR blocking filter or colour filter

Filter holder

Reflector

Fastener

Luminaire housing

Sealing ring

Cable glands

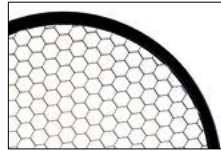
Recessed housing

Anti-slip glass



Recessed floor luminaires in areas with heavy foot-fall must not endanger the safety of pedestrians. A roughened texture to provide extra grip is an adequate way of preventing people slipping on the glass surface and has no adverse effects on the photometric performance of light sources.

Honeycomb meshes



Precision-manufactured honeycomb meshes provide all-round protection against annoying effects of glare. Using honeycomb meshes for glare control is highly recommended in case of luminaires with point light sources and rotationally symmetrical reflectors in particular.

IR blocking filters



Infrared blocking filters suitable for the luminaire and lamp in question are used to protect sensitive materials against excessive heat.

Colour filters

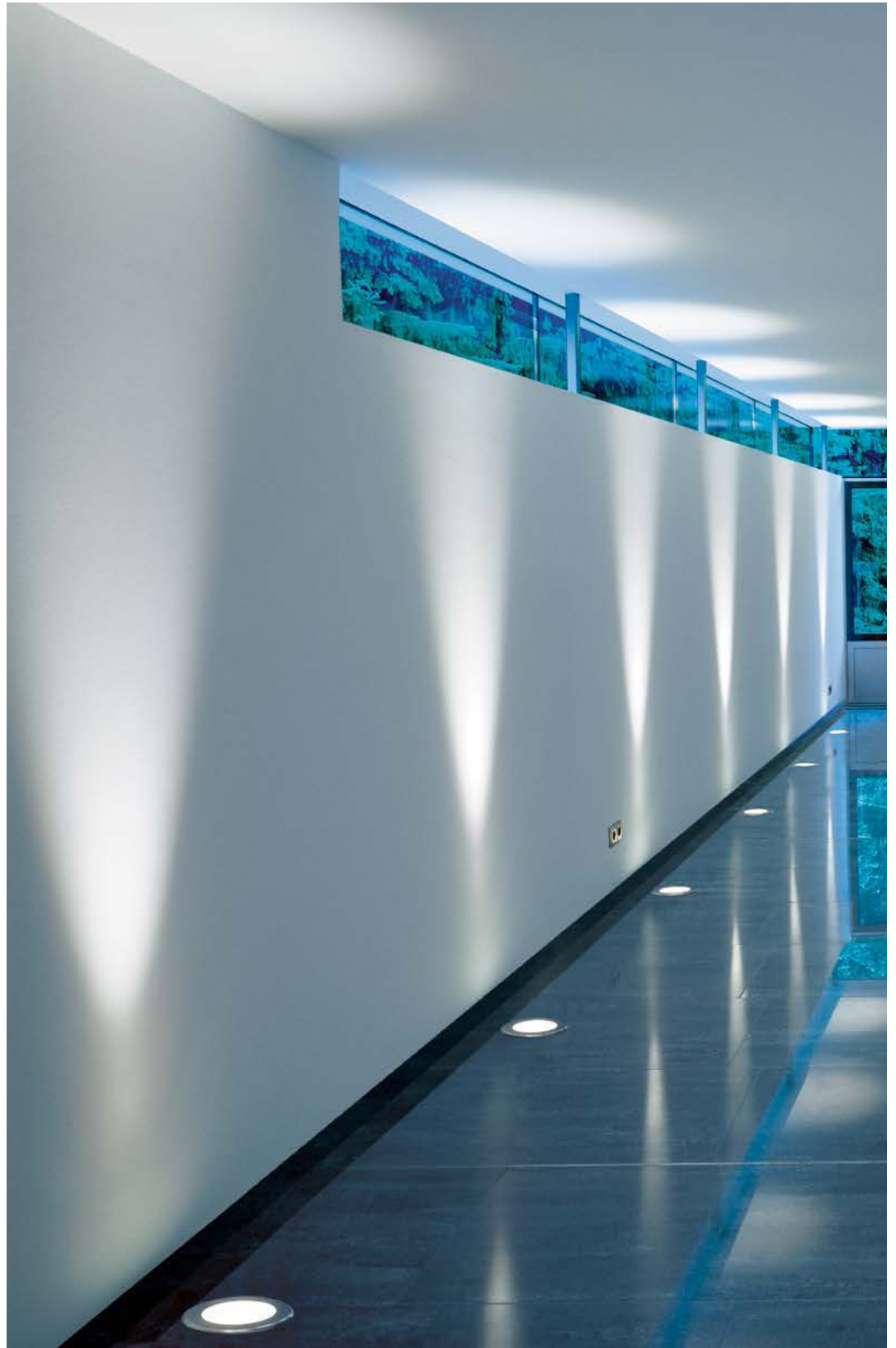


Colour filters with a dichroic coating are available in red, yellow, green and blue. Their colours are identical to those in Zumtobel's spotlight and downlight product ranges, thus making it easy to implement perfectly matching integral lighting designs using different types of luminaires.

## PASO II lighting technology

A recessed floor luminaire with lofty ambitions

Only by combining various types of lamps with different radiation angles is a recessed floor luminaire able to solve individual lighting tasks. PASO II varies the angle of emitted beams of light by reflectors and swivellable lamp positions. Both traditional light sources and the very latest LED technology can be used.



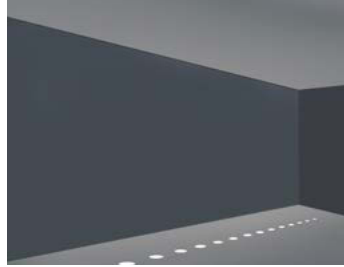
**Lighting task**

**Lighting effect**

**Light source**

**Orientation light**

Points of light provide a sense of direction and guide people through rooms and corridors. The light is diffuse and glare-free.



| PASO II 120     | PASO II 190 | PASO II 260            |
|-----------------|-------------|------------------------|
| LED             | TC-TEL 10 W | TC-TEL 26 W            |
| MicroLynx F 6 W | TC-TEL 18 W | TC-TEL 18 W (H=100 mm) |
|                 | LED 4 x 2 W |                        |

**Wallwashers**

Luminaires with asymmetrical light distribution can illuminate even large surface areas uniformly. The light on the opposite side is glare-free.



| PASO II 120 | PASO II 190 | PASO II 260         |
|-------------|-------------|---------------------|
| -           | -           | HIT 20 W (H=100 mm) |
| -           | -           | HIT 35 W (H=100 mm) |

**Flood lighting**

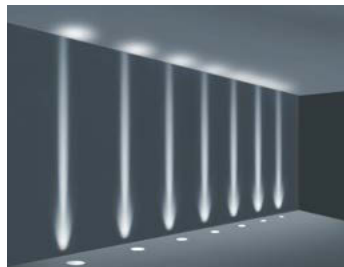
Lighting cones cover a relatively wide area which is restricted in height. Overlaps paint interesting textures on the wall.



| PASO II 120            | PASO II 190         | PASO II 260  |
|------------------------|---------------------|--------------|
| QR-CBC 51 20 W 38° IRC | QR 111 30 W 24° IRC | HIT 35 W 20° |
|                        |                     | HIT 70 W 20° |
|                        |                     | LED 7 x 2 W  |

**Spot and superspot**

Lighting cones that are as tall as possible and very tightly focused create extremely intense light. Glare can be prevented by using appropriate accessories, e.g. honeycomb meshes.



| PASO II 120            | PASO II 190        | PASO II 260 |
|------------------------|--------------------|-------------|
| PowerLED 3 x 1.2 W 6°  | HIT 20 W 40°       | HIT 35 W 4° |
| QR-CBC 51 20 W 10° IRC | QR 111 30 W 8° IRC | HIT 70 W 5° |

**Accent lighting with colour**

Coloured light or light with variable colours is obtained by using coloured light sources or colour filters with a dichroic coating.



| PASO II 120           | PASO II 190        | PASO II 260             |
|-----------------------|--------------------|-------------------------|
| LED                   | HIT 20 W           | TC-TEL 26 W             |
| PowerLED 3 x 1.2 W 6° | TC-TEL 18 W        | HIT 35 W                |
| QR-CBC 51 20 W IRC    | QR-CBC 51 20 W IRC | HIT 70 W                |
|                       |                    | HIT 20 W (H=100 mm)     |
|                       |                    | TC-TEL 18 W (H=100 mm)  |
|                       |                    | LED 8.3 W lighting tile |
|                       |                    | LED 7 x 2 W             |

# PASO II lighting control

## For integral lighting concepts

Recessed floor luminaires fulfil an important function in integral lighting concepts. Besides illuminance levels, in the case of PASO II luminaires the colour mix can also be controlled – for instance by using variable-colour LED units or colour filters.

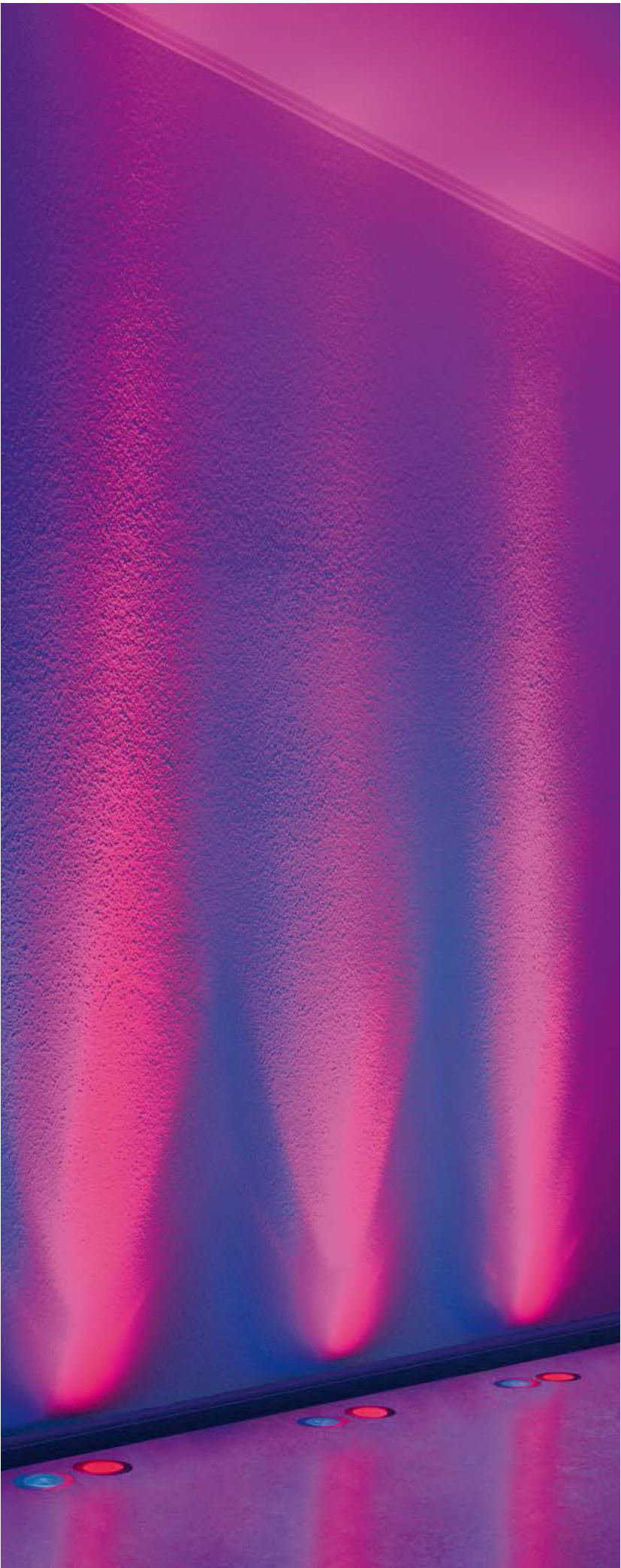
A digital DALI control line facilitates integration. An intuitively operated touch panel ensures straightforward handling. It makes it possible to call up pre-programmed lighting scenarios involving several luminaires at the press of a button.

In retail spaces, for instance, light colours open up the way to dramatic lighting with a wealth of effects. Highly effective lighting effects for day-time and night-time are possible; fashion trends and seasonal variations can also be taken into account.

| Model size and light source                     | Control facility   |
|---|--|
| <b>PASO II 120</b>                              |  |
| QR-CBC 51 20 W IRC                              | Switchable (dimmable with separate electronic transformer) |
| MicroLynx F 7 W                                 | Switchable   |
| SoftLED 4.3 W RGB 24 V                          | Controllable   |
| SoftLED 4.3 W 230 V   Warm white, cool white    | Switchable   |
| PowerLED 3 x 1.2 W RGB 24 V                     | Controllable   |
| PowerLED 3 x 1.2 W 230 V                        | Switchable   |
| <b>PASO II 190</b>                              |  |
| QR 111 30 W IRC                                 | Switchable (dimmable with separate electronic transformer) |
| HIT-TC-CE 20 W                                  | Switchable   |
| TC-TEL 18 W                                     | Switchable   |
| PowerLED 4 x 2 W 230 V   Warm white, cool white | Switchable   |
| PowerLED 4 x 2 W RGB, 230 V                     | Controllable, DALI   |
| TC-TEL 10 W EVG                                 | Switchable   |
| SoftLED 4.2 W 230V   Warm white, cool white     | Switchable   |
| SoftLED 4.2 W RRGB, 230 V                       | Controllable, DALI   |
| <b>PASO II 260</b>                              |  |
| HIT-TC 35 W                                     | Switchable   |
| HIT-TC 70 W                                     | Switchable   |
| TC-TEL 26/32 W                                  | Switchable   |
| PowerLED 7 x 2 W 230 V   Warm white, cool white | Switchable   |
| PowerLED 7 x 2 W RRGBBB 230 V                   | Controllable   |
| HIT-TC-CE 20 W                                  | Switchable   |
| HIT-TC-CE 35 W                                  | Switchable   |
| TC-DEL 18 W                                     | Switchable   |
| SoftLED 8.3 W RGB 24 V                          | Controllable   |



Dimming control using EMOTION touch panel



# PASO II Thermal management

## Accessible glass surface

DIN IEC 60598-2-13 sets out the requirements placed on recessed floor luminaires. It specifies surface temperature limits and robustness when subjected to static loads. Every PASO II luminaire meets the requirements of this standard – to protect both people and property.

### Close relationship between lighting technology and temperature.

The temperature of the glass surface is controlled in several ways in the case of PASO II. Surface temperature is controlled by proven LED technology thermal management, new reflector techniques, modified lamp positions and by using white glass.

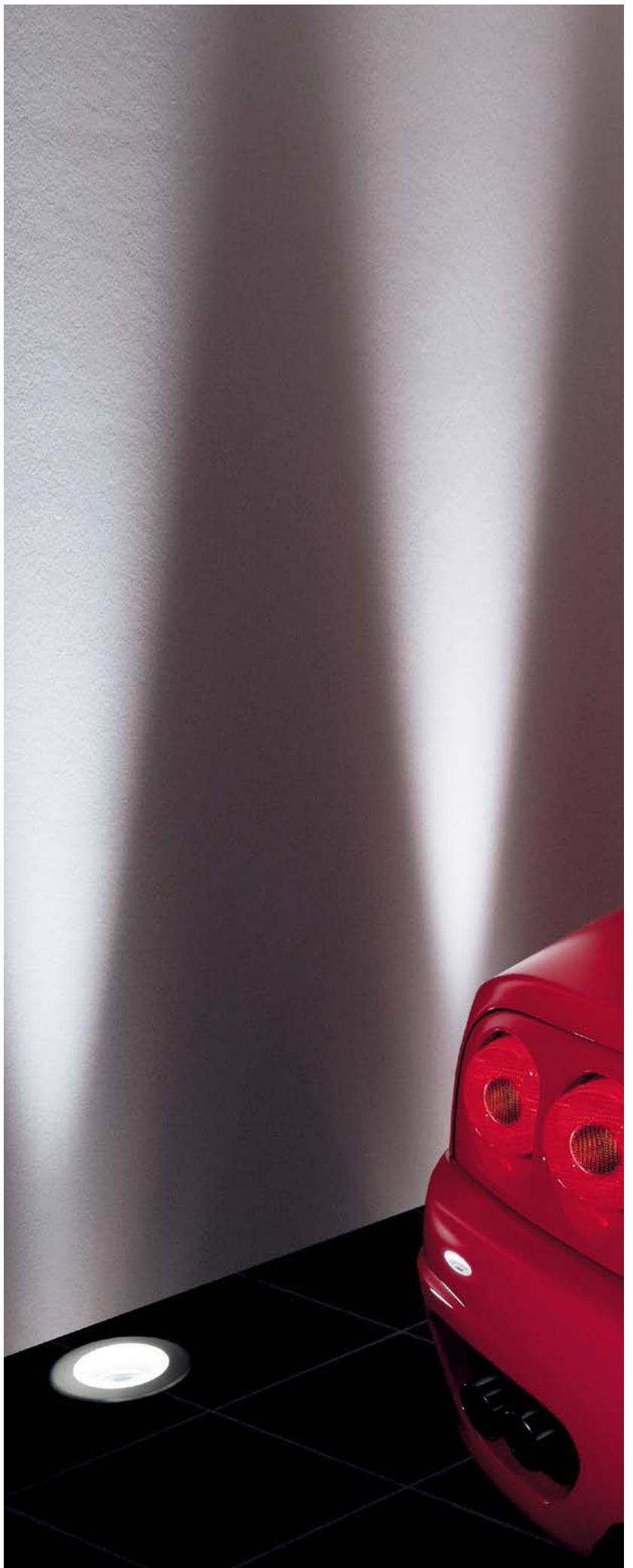
The maximum permissible temperature of the glass surface is a decisive factor during project planning. The table below shows relevant temperatures on the glass surface and should make it easier to decide on the right luminaire.

| Model size and light source                     | Temperature of glass surface* |
|---|-------------------------------|
| <b>PASO II 120</b>                              |                               |
| QR-CBC 51 20 W IRC                              | 90 °C                         |
| MicroLynx F 7 W                                 | 55 °C                         |
| SoftLED 4.3 W RGB 24 V                          | 37 °C                         |
| SoftLED 4.3 W 230 V   Warm white, cool white    | 37 °C                         |
| PowerLED 3 x 1.2 W RGB 24 V                     | 37 °C                         |
| PowerLED 3 x 1.2 W 230 V                        | 37 °C                         |
| <b>PASO II 190</b>                              |                               |
| QR 111 30 W IRC                                 | 99 °C                         |
| HIT-TC-CE 20 W                                  | 82 °C                         |
| TC-TEL 18 W                                     | 74 °C                         |
| PowerLED 4 x 2 W 230 V   Warm white, cool white | 35 °C                         |
| PowerLED 4 x 2 W RGB, 230 V                     | 35 °C                         |
| TC-TEL 10 W EVG                                 | 60 °C                         |
| SoftLED 4.2 W 230V   Warm white, cool white     | 35 °C                         |
| SoftLED 4.2 W RGB, 230 V                        | 38 °C                         |
| <b>PASO II 260</b>                              |                               |
| HIT-TC 35 W                                     | 75 °C                         |
| HIT-TC 70 W                                     | 97 °C                         |
| TC-TEL 26/32 W                                  | 76 °C                         |
| PowerLED 7 x 2 W 230 V   Warm white, cool white | 40 °C                         |
| PowerLED 7 x 2 W RGB 230 V                      | 38 °C                         |
| HIT-TC-CE 20 W, asymmetrical                    | 62 °C                         |
| HIT-TC-CE 35 W, asymmetrical                    | 87 °C                         |
| TC-DEL 18 W                                     | 62 °C                         |
| SoftLED 8.3 W RGB 24 V                          | 38 °C                         |
| SoftLED 4.8 W RGB 24 V                          | 38 °C                         |

\* All values based on an ambient temperature of 25°C.



PASO II D120 QR-CBC 51 1 x 20 W IRC  
with colour filter and honeycomb mesh



## PASO II accessories

For fast, safe installation

**Casting surround kit** This kit guarantees fast, safe installation in or above concrete ceilings. A sturdy, plastic cover prevents the ingress of liquid concrete, is anti-slip and also reduces risk of accidents on site. Markings on the cover make linear or diagonal alignment of several recessed floor luminaires easier. The strong upper edge made of special steel is difficult to crush or break. It effectively secures the position of the luminaire and does not leave any signs of corrosion of the kind that may occur in the case of galvanised materials. The insulation plate prevents the formation of condensate when installed in floor slabs. Luminaires and casting surrounds are supplied separately in order to afford a high degree of flexibility.



**Kits for all models** Round, square or extra low-profile version: this casting surround only needs minimum space and can be safely mounted above the concrete slab.



PASO II Q120  
Casting surround



PASO II D190 ET100  
Casting surround



Plastic cover protects against ingress of (liquid) concrete

Special-steel frame protects against corrosion and improves stability

High-grade polypropylene makes housing strong

Insulation plate made of polyethylene eliminates thermal bridging and protects against condensate

**Installation kit for hollow floors and hollow ceilings** This installation kit securely fixes PASO II luminaires with an overlapping frame cover into ceiling panels or raised wooden floors. It presses the luminaire housing against the surrounding panel or slab, thereby replacing the casting surround. In the case of the 260 mm model, the installation kit is supplemented with a safety wire to prevent the luminaire from falling down.



**Flush mounting** The luminaire can be installed perfectly flush with the floor in the fair-faced floor screeds. The upper edge of the casting surround forms the level for the screed. The special-steel frame prevents unsightly brown streaks around the luminaire.



**Luminaires with an overlapping frame** typically conceal problem areas that occur in flooring materials such as carpet, parquet, laminates or cork.



**Installation in raised floors** Luminaires with an overlapping frame can also be installed in raised wooden floors adopting the same principle used for installing downlights.



**Downlight installation** Luminaires with an overlapping frame can also be installed in a downlight position. The hollow floor or downlight installation kit jams the luminaire housing against the ceiling panel. The large luminaire with a side length or diameter of 260 mm is fitted with a safety wire in order to prevent the luminaire from falling down.

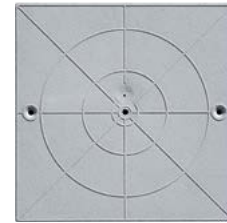
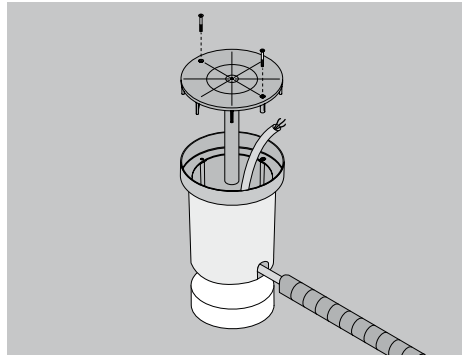


## PASO II installation tips

For straightforward, accurate installation

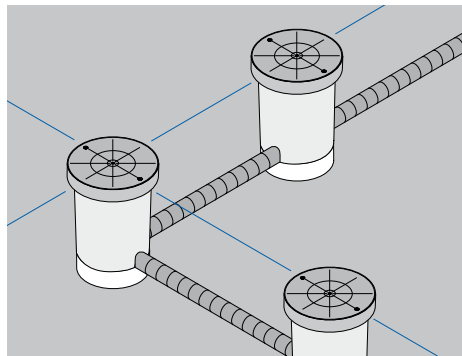
Like the entire PASO II recessed floor luminaire product range, the casting surrounds are high-quality components which are designed to be easy to install. Thus, installation and wiring can be completed quickly and give economically and visually outstanding results.

A special kit makes it simple to set the luminaire in concrete. The luminaire housing is positioned and the alignment of the luminaire and the swivelable reflectors is defined in a single operation.



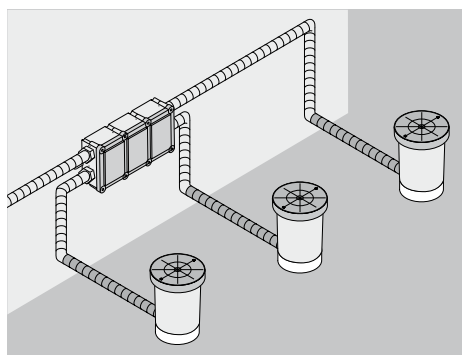
The cover is robust, and can be screw-fastened and walked over. The reticule simplifies longitudinal, transverse or diagonal alignment with the aid of a chalk line.

Through-wiring is possible in the case of the medium and large models (190 mm and 260 mm diameter).



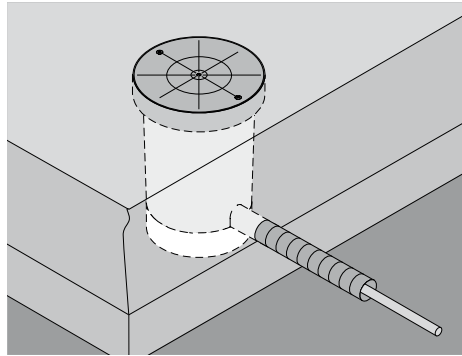
**Through-wiring** The two cable glands for through-wiring are each supplied with a blanking plug for cable entries that are not needed.

The small PASO II 120 mm luminaire can, alternatively, be wired to the IP 67 general-purpose box radially. The latter is also suitable for through-wiring and installing external power supply units.

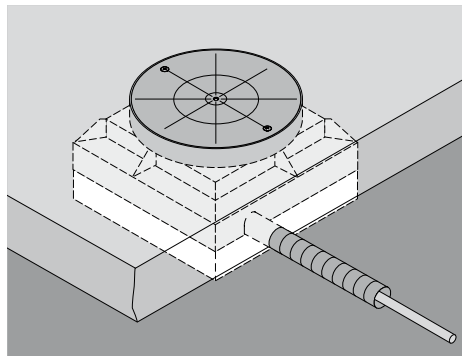


**PASO IP D/Q120 IP 67 general-purpose box** The general-purpose box is a safe place to accommodate external control gear in damp locations or outdoor areas. Appropriate cables can be through-wired or cross-connected to terminals suitable for cable diameters from 0.8 to 2.5 mm. The IP 67 general-purpose box also affords adequate protection for halogen transformers or LED power supply units.

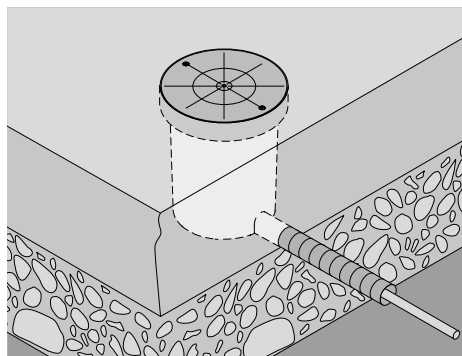
The casting surround for all three design sizes is positioned so that the upper edge of the special-steel frame corresponds to the level of the exposed concrete, floor screed or flooring material. This way, flush-mounted luminaires are absolutely level with the floor without any protruding edge that might cause tripping. Using an insulation plate increases the mounting depth by 30 mm.



The extra low-profile casting surround for the PASO II 190 and PASO II 260 is positioned above the concrete slab in the floor screed. The insulation plate with a mounting depth of 30 mm is fitted for additional protection against condensate.



When installed outdoors, provide drainage layer of at least 300 mm instead of the insulation plate, so that water can escape through the gravel.



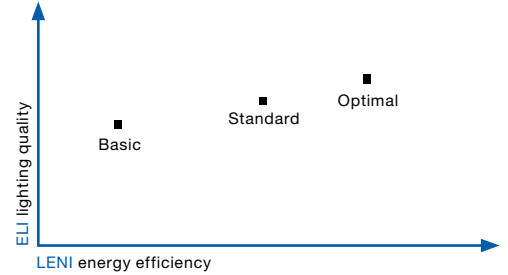
**Tips for installation in asphalt** Provide drainage, allow asphalt to cool to no more than 80 °C and distribute it around the casting surround manually.

# PASO II

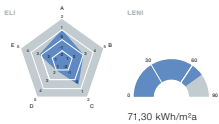
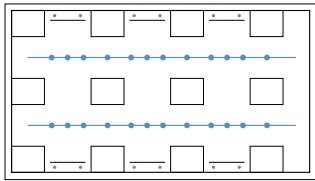
Human Aspects + Energy Efficiency = Humanenergy Balance

## Balanced lighting solutions Showroom/retail space

A balanced lighting solution is characterised by a blend of energy-efficient accent lighting and diffuse ambient lighting. Besides providing diffuse indirect light, recessed floor luminaires can also pick out architectural elements.



### Basic



- HIT 1/35W spotlight
- Cove lighting
- Static

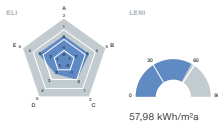
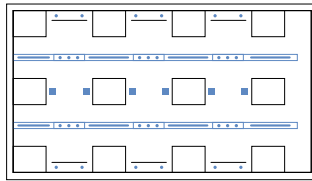
#### Lighting quality

- Very good colour rendition
- High colour constancy throughout entire service life
- Flexible accent lighting together with room lighting

#### Energy efficiency

- High luminous efficiency
- Short maintenance intervals

### Standard



- Supersystem recessed spotlight
- Supersystem T16 lighting module
- PASO II RGB LED
- Cove lighting
- Lighting scenes

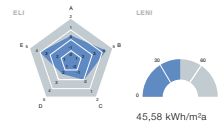
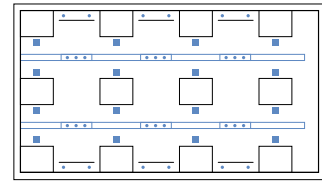
#### Lighting quality

- Diffuse general lighting giving pleasant brightness level in the room
- Coloured accents provided by PASO uplights produce an atmospheric mood

#### Energy efficiency

- PowerLEDs ensure efficient use of energy for accent lighting
- Efficient T16 fluorescent lamps for general lighting

### Optimal



- Supersystem recessed spotlight
- PASO II LED WD
- Cove lighting
- Dynamic lighting control

#### Lighting quality

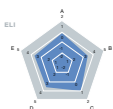
- PASO indirect light provides also indirect, diffuse general lighting
- Selective accent lighting by recessed spotlights to emphasise particular details
- Architectural elements are emphasised by PASO uplights

#### Energy efficiency

- PowerLEDs ensure efficient use of energy for accent and general lighting
- LED lighting with high luminous flux and long service life
- Dynamic lighting control saves additional energy

### Underlying conditions:

Retail space 15 m x 6 m, 10 hours, 250 days/year



ELI Ergonomic Lighting Indicator

Lighting quality assessed on the basis of five criteria:  
 A Visual performance B Vista C Visual comfort  
 D Vitality E Empowerment



LENI Lighting Energy Numeric Indicator

Energy consumption in kWh per annum and per square metre, based on EN 15193.

### I...I Shared properties PASO II

- Die-cast aluminium housing in powder-coated finish
- Colour: White
- Stainless steel surround with Camlock fasteners (no screws visible)
- Includes sealing ring to help prevent water penetrating between luminaire unit and casting surround
- Installed in concrete floors or pavings using concrete casting surround kit
- Model with overlapping surround: installation kit required for fitting in wooden or cavity floors; please order separately
- Models with class „R10“ anti-slip glass covers available upon request

### PASO II D120 LED circular

Order no.



- I...I
- Accent spot with 3° superspot beam pattern (PowerLEDs with lens optic)
- Partially frosted glass cover
- PG cable gland
- Colour temperature: 3200 K (warm white) or 6650 K (cool white)
- Includes control gear
- Connection: 3-pole terminal strip
- Max. load: 1,000 kg, can be walked over; max. load without surround: 500 kg, can be walked over
- PowerLED: swivels through  $\pm 20^\circ$
- Power consumption: 3.6 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 230–240 V / 50/60 Hz
- Surface temperature of glass panel 37 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Model without surround: glass panel fixed by 4 torque screws
- External through-wiring possible with IP67 universal box; please order separately
- Neutral-white colour temperature available on request

#### Pre-assembled luminaire (230 V power LED) with surround, circular (overlapping)

|                                   |            |
|-----------------------------------|------------|
| 3/1,2 W LED cool white, superspot | 60 812 746 |
| 3/1,2 W LED warm white, superspot | 60 812 455 |

#### Pre-assembled luminaire (230 V power LED) with surround, circular (flush)

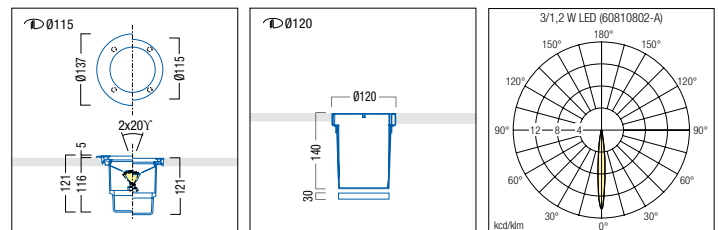
|                                   |            |
|-----------------------------------|------------|
| 3/1,2 W LED cool white, superspot | 60 812 746 |
| 3/1,2 W LED warm white, superspot | 60 812 456 |

#### Complete luminaire (230 V power LED), circular, without surround (flush)

|                                   |            |
|-----------------------------------|------------|
| 3/1,2 W LED cool white, superspot | 60 812 747 |
| 3/1,2 W LED warm white, superspot | 60 812 457 |

#### Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D120                          | 60 800 182 |
| D/Q120 mounting kit for downlight and wall-mounted position | 60 800 304 |
| D120 glass seal   | 60 800 274 |
| D120 glass seal for luminaires without surround             | 60 800 280 |
| Mounting kit D120 and Q120 for wooden and cavity floors     | 60 800 190 |



## PASO II Q120 LED square

Order no.



- I...I
- Accent spot with 3° superspot beam pattern (PowerLEDs with lens optic)
- Partially frosted glass cover
- PG cable gland
- Colour temperature: 3200 K (warm white) or 6650 K (cool white)
- Includes control gear
- Connection: 3-pole terminal strip
- Max. load: 1,000 kg, can be walked over; max. load without surround: 500 kg, can be walked over
- PowerLED: swivels through  $\pm 20^\circ$
- Power consumption: 3.6 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 230–240 V / 50/60 Hz
- Surface temperature of glass panel 37 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Model without surround: glass panel fixed by 4 torque screws
- External through-wiring possible with IP67 universal box; please order separately
- Neutral-white colour temperature available on request

## Pre-assembled luminaire (powerLED 230 V) with surround, square (overlapping)

|                                   |            |
|-----------------------------------|------------|
| 3/1,2 W LED cool white, superspot | 60 812 748 |
| 3/1,2 W LED warm white, superspot | 60 812 458 |

## Pre-assembled luminaire (230 V power LED) with surround, square (flush)

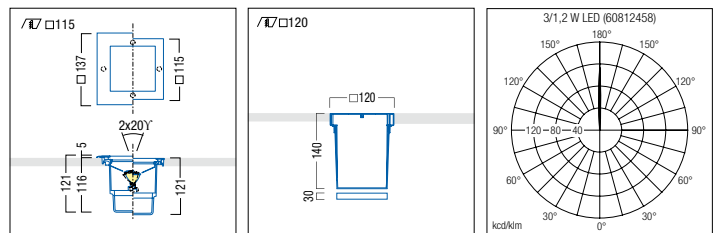
|                                   |            |
|-----------------------------------|------------|
| 3/1,2 W LED cool white, superspot | 60 812 749 |
| 3/1,2 W LED warm white, superspot | 60 812 459 |

## Complete luminaire (230 V power LED), square, without surround (flush-mounted)

|                                   |            |
|-----------------------------------|------------|
| 3/1,2 W LED cool white, superspot | 60 812 750 |
| 3/1,2 W LED warm white, superspot | 60 812 460 |

## Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set Q120                          | 60 800 183 |
| D/Q120 mounting kit for downlight and wall-mounted position | 60 800 304 |
| Mounting kit D120 and Q120 for wooden and cavity floors     | 60 800 190 |
| Q120 glass seal   | 60 800 275 |
| Q120 glass seal for luminaires without surround             | 60 800 281 |



## PASO II D120 LED RGB circular

Order no.



- I...I
- Accent spot with 3° superspot beam pattern (PowerLEDs with lens optic)
- Partially frosted glass cover
- PG cable gland
- PowerLED RGB (red/green/blue):  $\pm 20^\circ$  tilt
- Converter (24 V) built into the luminaire
- Power connection: 4-pole terminal strip (common RGB positive terminal)
- Max. load: 1,000 kg, can be walked over; max. load without surround: 500 kg, can be walked over
- Power consumption: 3.6 W
- IP 67 degree of protection, Class of protection III
- Protective low voltage: 24 V-DC SELV
- Operated via DALI power pack, 1–10 V power pack or sequencer; please order separately
- Surface temperature of glass panel 37 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Model without surround: glass panel fixed by 4 torque screws
- External through-wiring possible with IP67 universal box; please order separately

## Pre-assembled luminaire (PowerLED RGB 24 V) with surround, circular (overlapping)

|                           |            |
|---------------------------|------------|
| 3/1,2 W LED RGB superspot | 60 812 461 |
|---------------------------|------------|

## Pre-assembled luminaire (PowerLED RGB 24 V) with surround, circular (flush)

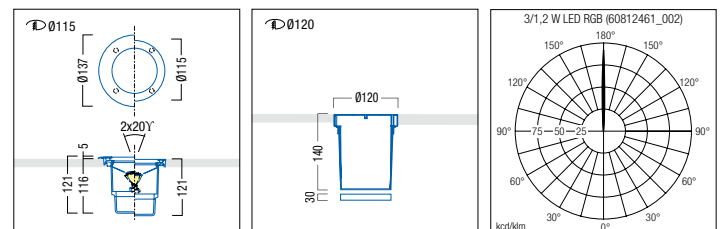
|                           |            |
|---------------------------|------------|
| 3/1,2 W LED RGB superspot | 60 812 462 |
|---------------------------|------------|

## Pre-assembled luminaire (PowerLED RGB 24 V) without surround, circular (flush)

|                           |            |
|---------------------------|------------|
| 3/1,2 W LED RGB superspot | 60 812 463 |
|---------------------------|------------|

## Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D120                          | 60 800 182 |
| D/Q120 mounting kit for downlight and wall-mounted position | 60 800 304 |
| D120 glass seal   | 60 800 274 |
| D120 glass seal for luminaires without surround             | 60 800 280 |
| Mounting kit D120 and Q120 for wooden and cavity floors     | 60 800 190 |
| Electronic LED power pack 0100 K240 24 V                    | 24 138 976 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 25 W       | S7 003 230 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 8 W        | S7 003 150 |
| Electronically dimmable LED power pack 0025 K211 24 V       | 86 455 066 |
| Amplifier C001 PMW-dimmer                                   | 86 454 974 |
| Sequencers C002 PWM sequencer                               | 86 454 968 |



PASO II Q120 LED RGB square

Order no.



- |...|
- Accent spot with 3° superspot beam pattern (PowerLEDs with lens optic)
- Partially frosted glass cover
- PG cable gland
- PowerLED RGB (red/green/blue): ±20° tilt
- Converter (24 V) built into the luminaire
- Power connection: 4-pole terminal strip (common RGB positive terminal)
- Max. load: 1,000 kg, can be walked over; max. load without surround: 500 kg, can be walked over
- Power consumption: 3.6 W
- IP 67 degree of protection, Class of protection III
- Protective low voltage: 24 V-DC SELV
- Operated via DALI power pack, 1–10 V power pack or sequencer; please order separately
- Surface temperature of glass panel 37 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Model without surround: glass panel fixed by 4 torque screws
- External through-wiring possible with IP67 universal box; please order separately

Pre-assembled luminaire (PowerLED RGB 24 V) with surround, square (overlapping)

3/1,2 W LED RGB superspot 60 812 464

Pre-assembled luminaire (PowerLED RGB 24 V) with surround, square (flush)

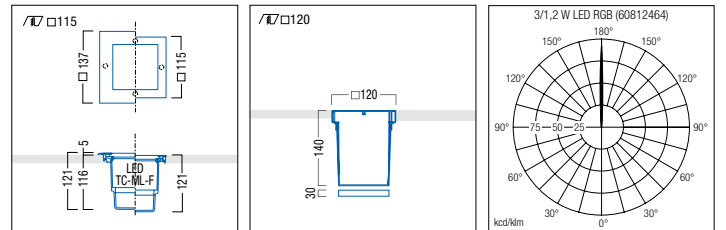
3/1,2 W LED RGB superspot 60 812 465

Pre-assembled luminaire (PowerLED RGB 24 V) without surround, square (flush)

3/1,2 W LED RGB superspot 60 812 466

Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set Q120                          | 60 800 183 |
| D/Q120 mounting kit for downlight and wall-mounted position | 60 800 304 |
| Mounting kit D120 and Q120 for wooden and cavity floors     | 60 800 190 |
| Q120 glass seal   | 60 800 275 |
| Q120 glass seal for luminaires without surround             | 60 800 281 |
| Electronic LED power pack 0100 K240 24 V                    | 24 138 976 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 25 W       | S7 003 230 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 8 W        | S7 003 150 |
| Electronically dimmable LED power pack 0025 K211 24 V       | 86 455 066 |
| Amplifier C001 PWM-dimmer                                   | 86 454 974 |
| Amplifier C002 PWM sequencer                                | 86 454 968 |



PASO II D120 Soft LED circular

Order no.



- |...|
- Frosted glass cover with diffuser
- PG cable gland
- Colour temperature (LED module): 3200 K (warm white) or 6650 K (cool white)
- Includes control gear
- Connection: 3-pole terminal strip
- Max. load: 1,000 kg, can be walked over; max. load without surround: 500 kg, can be walked over
- Power consumption: 1.2 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 230–240 V / 50/60 Hz
- Surface temperature of glass panel 37 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Model without surround: glass panel fixed by 4 torque screws
- External through-wiring possible with IP67 universal box; please order separately
- Neutral-white colour temperature available on request

Pre-assembled luminaire (Soft LED 230 V) with surround, circular (overlapping)

1/1,2 W LED cool white 60 812 503

1/1,2 W LED warm white 60 812 500

Pre-assembled luminaire (Soft LED 230 V) with surround, circular (flush)

1/1,2 W LED cool white 60 812 504

1/1,2 W LED warm white 60 812 501

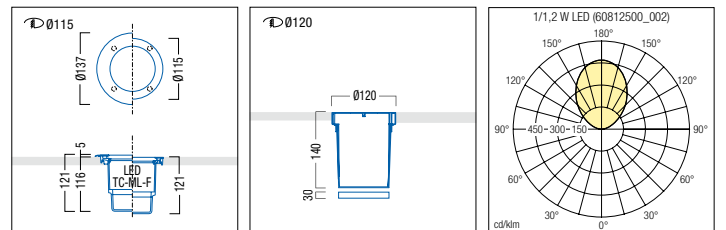
Pre-assembled luminaire (Soft LED 230 V) without surround, circular (flush)

1/1,2 W LED cool white 60 812 505

1/1,2 W LED warm white 60 812 502

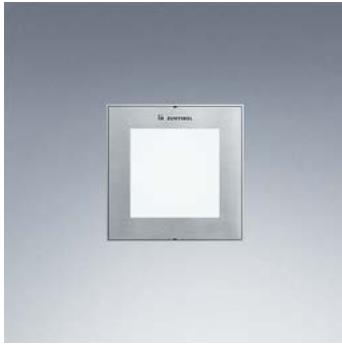
Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D120                          | 60 800 182 |
| D/Q120 mounting kit for downlight and wall-mounted position | 60 800 304 |
| D120 glass seal   | 60 800 274 |
| D120 glass seal for luminaires without surround             | 60 800 280 |
| Mounting kit D120 and Q120 for wooden and cavity floors     | 60 800 190 |



## PASO II Q120 Soft LED square

Order no.



- I...I
- Frosted glass cover with diffuser
- PG cable gland
- Colour temperature (LED module): 3200 K (warm white) or 6650 K (cool white)
- Includes control gear
- Connection: 3-pole terminal strip
- Max. load: 1,000 kg, can be walked over; max. load without surround: 500 kg, can be walked over
- Power consumption: 1.2 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 230–240 V / 50/60 Hz
- Surface temperature of glass panel 37 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Model without surround: glass panel fixed by 4 torque screws
- External through-wiring possible with IP67 universal box; please order separately
- Neutral-white colour temperature available on request

## Pre-assembled luminaire (Soft LED 230 V) with surround, square (overlapping)

|                        |            |
|------------------------|------------|
| 1/1,2 W LED cool white | 60 812 512 |
| 1/1,2 W LED warm white | 60 812 509 |

## Pre-assembled luminaire (Soft LED 230 V) without surround, square (flush)

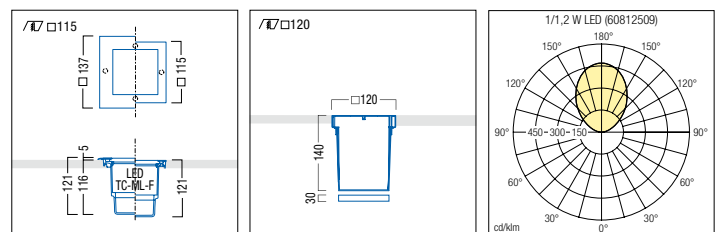
|                        |            |
|------------------------|------------|
| 1/1,2 W LED cool white | 60 812 513 |
| 1/1,2 W LED warm white | 60 812 510 |

## Pre-assembled luminaire (Soft LED 230 V) without surround, square (flush)

|                        |            |
|------------------------|------------|
| 1/1,2 W LED cool white | 60 812 514 |
| 1/1,2 W LED warm white | 60 812 511 |

## Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set Q120                          | 60 800 183 |
| D/Q120 mounting kit for downlight and wall-mounted position | 60 800 304 |
| Mounting kit D120 and Q120 for wooden and cavity floors     | 60 800 190 |
| Q120 glass seal   | 60 800 275 |
| Q120 glass seal for luminaires without surround             | 60 800 281 |



## PASO II D120 Soft LED RGB circular

Order no.



- I...I
- Frosted glass cover with diffuser
- PG cable gland
- LED RGB module (red/green/blue)
- Converter (24 V) built into the luminaire
- Power connection: 4-pole terminal strip (common RGB positive terminal)
- Max. load: 1,000 kg, can be walked over; max. load without surround: 500 kg, can be walked over
- Power consumption: 4.3 W
- IP 67 degree of protection, Class of protection III
- Protective low voltage: 24 V-DC SELV
- Operated via DALI power pack, 1–10 V power pack or sequencer; please order separately
- Surface temperature of glass panel 37 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Model without surround: glass panel fixed by 4 torque screws
- External through-wiring possible with IP67 universal box; please order separately

## Pre-assembled luminaire (Soft LED RGB 24 V) with surround, circular (overlapping)

|                 |            |
|-----------------|------------|
| 1/4,3 W LED RGB | 60 812 497 |
|-----------------|------------|

## Pre-assembled luminaire (Soft LED RGB 24 V) without surround, circular (flush)

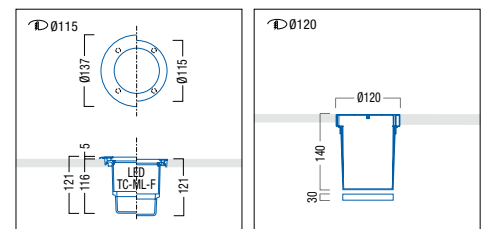
|                 |            |
|-----------------|------------|
| 1/4,3 W LED RGB | 60 812 498 |
|-----------------|------------|

## Pre-assembled luminaire (Soft LED RGB 24 V) without surround, circular (flush)

|                 |            |
|-----------------|------------|
| 1/4,3 W LED RGB | 60 812 499 |
|-----------------|------------|

## Accessory

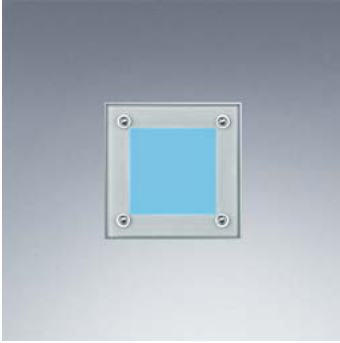
|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D120                          | 60 800 182 |
| D/Q120 mounting kit for downlight and wall-mounted position | 60 800 304 |
| D120 glass seal   | 60 800 274 |
| D120 glass seal for luminaires without surround             | 60 800 280 |
| Mounting kit D120 and Q120 for wooden and cavity floors     | 60 800 190 |
| Electronic LED power pack 0100 K240 24 V                    | 24 138 976 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 25 W       | S7 003 230 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 8 W        | S7 003 150 |
| Electronically dimmable LED power pack 0025 K211 24 V       | 86 455 066 |
| Amplifier C001 PMW-dimmer                                   | 86 454 974 |
| Sequencers C002 PWM sequencer                               | 86 454 968 |





**PASO II Q120 Soft LED RGB square**

Order no.



- |...|
- Frosted glass cover with diffuser
- PG cable gland
- LED RGB module (red/green/blue)
- Converter (24 V) built into the luminaire
- Power connection: 4-pole terminal strip (common RGB positive terminal)
- Max. load: 1,000 kg, can be walked over; max. load without surround: 500 kg, can be walked over
- Power consumption: 4.3 W
- IP 67 degree of protection, Class of protection III
- Protective low voltage: 24 V-DC SELV
- Operated via DALI power pack, 1–10 V power pack or sequencer; please order separately
- Surface temperature of glass panel 37 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Model without surround: glass panel fixed by 4 torque screws
- External through-wiring possible with IP67 universal box; please order separately

**Pre-assembled luminaire (Soft LED RGB 24 V) with surround, square (overlapping)**

1/4,3 W LED RGB 60 812 506

**Pre-assembled luminaire (Soft LED RGB 24 V) with surround, square (flush)**

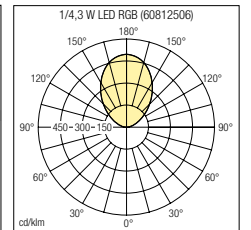
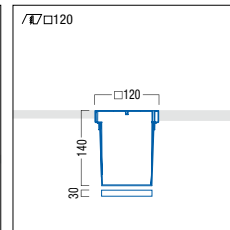
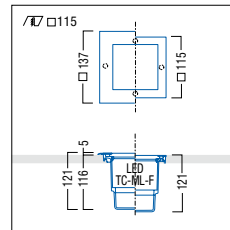
1/4,3 W LED RGB 60 812 507

**Pre-assembled luminaire (Soft LED RGB 24 V) without surround, square (flush)**

1/4,3 W LED RGB 60 812 508

**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set Q120                          | 60 800 183 |
| D/Q120 mounting kit for downlight and wall-mounted position | 60 800 304 |
| Mounting kit D120 and Q120 for wooden and cavity floors     | 60 800 190 |
| Q120 glass seal   | 60 800 275 |
| Q120 glass seal for luminaires without surround             | 60 800 281 |
| Electronic LED power pack 0100 K240 24 V                    | 24 138 976 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 25 W       | S7 003 230 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 8 W        | S7 003 150 |
| Electronically dimmable LED power pack 0025 K211 24 V       | 86 455 066 |
| Amplifier C001 PMW-dimmer                                   | 86 454 974 |
| Sequencers C002 PWM sequencer                               | 86 454 968 |



## PASO II D120 circular

Order no.



- |...|
- Partially frosted glass cover
- Frosted glass cover with diffuser in models designed for TCR-TSE flat compact fluorescent lamp
- PG cable gland
- Power connection: 3-pole terminal strip (TCR-TSE), 2-pole terminal strip (QR-CBC)
- QR-CBC:  $\pm 20^\circ$  tilt
- Max. load: 1,000 kg, can be walked over; max. load without surround: 500 kg, can be walked over
- IP 67 degree of protection, Class of protection I (TCR-TSE flat), Class of protection III (QR-CBC)
- QR-CBC lamps: only with type QR-CBC IRC 51, max. wattage 20 W
- TCR-TSE mains voltage: 220–240 V, 50/60 Hz
- QR-CBC lamp rated voltage 12 V, please order transformer separately
- Maximum surface temperature of glass panel: 90 °C for QR-CBC; 55 °C for TCR-TSE
- Please always install with flexible cables e.g. H07RN-F
- Max. of 2 accessory parts installed using filter holder
- Model without surround: glass panel fixed by 4 torque screws
- External through-wiring possible with IP67 universal box; please order separately
- TCR-TSE flat: cannot be fitted with filter/louvre

## Circular surround (overlapping)

|  |            |
|--|------------|
| 1/6 W TCR-TSE flat GX53 Glass cover, frosted electronic                      | 60 810 583 |
| 1/20 W QR-CBC IRC 51 GU5,3 Partially frosted glass cover white powder-coated | 60 812 435 |

## Round surround (flush)

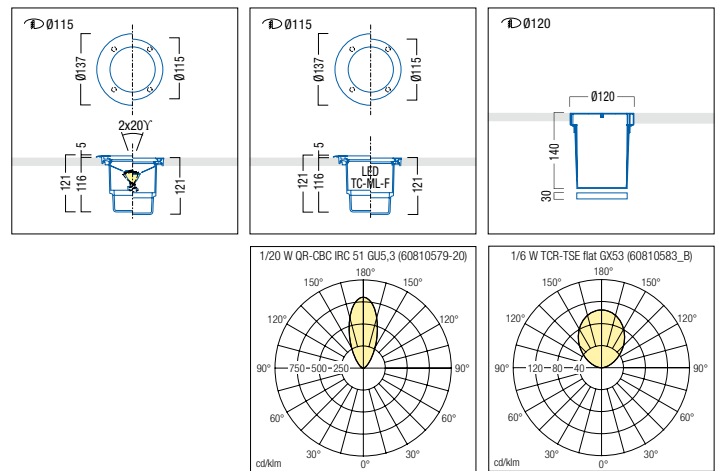
|  |            |
|--|------------|
| 1/6 W TCR-TSE flat GX53 Glass cover, frosted electronic                      | 60 810 584 |
| 1/20 W QR-CBC IRC 51 GU5,3 Partially frosted glass cover white powder-coated | 60 812 436 |

## Without surround, circular (flush)

|  |            |
|--|------------|
| 1/6 W TCR-TSE flat GX53 Glass cover, frosted electronic                    | 60 810 585 |
| 1/20 W QR-CBC IRC 51 GU5,3 Glass cover, partly frosted white powder-coated | 60 810 579 |

## Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D120                          | 60 800 182 |
| D/Q120 mounting kit for downlight and wall-mounted position | 60 800 304 |
| D120 glass seal   | 60 800 274 |
| D120 glass seal for luminaires without surround             | 60 800 280 |
| Filter holder (D/Q120), for max. of 2 filters               | 60 800 193 |
| Honeycomb mesh (D/Q120), black                              | 60 800 199 |
| Lamp TCR-TSE flat 6W/840 GX53 (SYLVANIA)                    | 24 145 240 |
| Mounting kit D120 and Q120 for wooden and cavity floors     | 60 800 190 |
| Relamping tool (QR-CBC)                                     | 60 800 282 |
| Blocking filter IR filter (D/Q120)                          | 60 800 229 |
| Colour filter blue (D/Q120)                                 | 60 800 206 |
| Colour filter green (D/Q120)                                | 60 800 207 |
| Colour filter red (D/Q120)                                  | 60 800 205 |
| Colour filter yellow (D/Q120)                               | 60 800 208 |



PASO II Q120 square

Order no.



- |...|
- Partially frosted glass cover
- Frosted glass cover with diffuser in models designed for TCR-TSE flat compact fluorescent lamp
- PG cable gland
- Power connection: 3-pole terminal strip (TCR-TSE), 2-pole terminal strip (QR-CBC)
- QR-CBC: ±20° tilt
- Max. load: 1,000 kg, can be walked over; max. load without surround: 500 kg, can be walked over
- IP 67 degree of protection, Class of protection I (TCR-TSE flat), Class of protection III (QR-CBC)
- QR-CBC lamps: only with type QR-CBC IRC 51, max. wattage 20 W
- TCR-TSE mains voltage: 220–240 V, 50/60 Hz
- QR-CBC lamp rated voltage 12 V, please order transformer separately
- Maximum surface temperature of glass panel: 90 °C for QR-CBC; 55 °C for TCR-TSE
- Please always install with flexible cables e.g. H07RN-F
- Max. of 2 accessory parts installed using filter holder
- Model without surround: glass panel fixed by 4 torque screws
- External through-wiring possible with IP67 universal box; please order separately
- TCR-TSE flat: cannot be fitted with filter/louvre

Square surround (overlapping)

|  |            |
|--|------------|
| 1/6 W TCR-TSE flat GX53 Glass cover, frosted electronic                      | 60 810 595 |
| 1/20 W QR-CBC IRC 51 GU5,3 Partially frosted glass cover white powder-coated | 60 812 437 |

Square surround (flush)

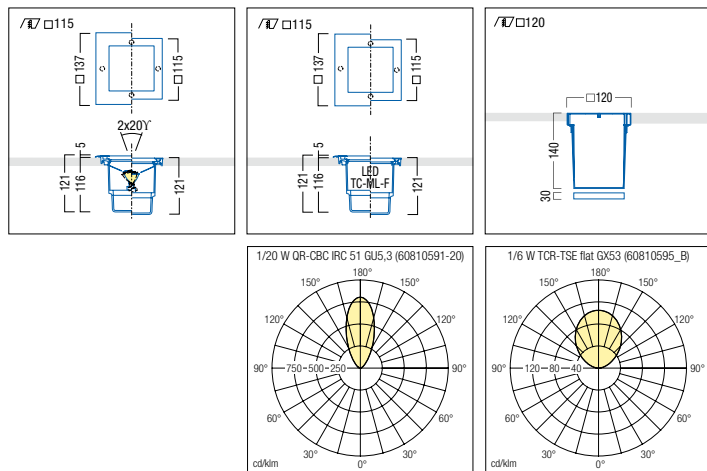
|  |            |
|--|------------|
| 1/6 W TCR-TSE flat GX53 Glass cover, frosted electronic                      | 60 810 596 |
| 1/20 W QR-CBC IRC 51 GU5,3 Partially frosted glass cover white powder-coated | 60 812 438 |

Without surround, square (flush)

|  |            |
|--|------------|
| 1/6 W TCR-TSE flat GX53 Glass cover, frosted electronic                    | 60 810 597 |
| 1/20 W QR-CBC IRC 51 GU5,3 Glass cover, partly frosted white powder-coated | 60 810 591 |

Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set Q120                          | 60 800 183 |
| D/Q120 mounting kit for downlight and wall-mounted position | 60 800 304 |
| Filter holder (D/Q120), for max. of 2 filters               | 60 800 193 |
| Honeycomb mesh (D/Q120), black                              | 60 800 199 |
| Lamp TCR-TSE flat 6W/840 GX53 (SYLVANIA)                    | 24 145 240 |
| Mounting kit D120 and Q120 for wooden and cavity floors     | 60 800 190 |
| Q120 glass seal   | 60 800 275 |
| Q120 glass seal for luminaires without surround             | 60 800 281 |
| Relamping tool (QR-CBC)                                     | 60 800 282 |
| Blocking filter IR filter (D/Q120)                          | 60 800 229 |
| Colour filter blue (D/Q120)                                 | 60 800 206 |
| Colour filter green (D/Q120)                                | 60 800 207 |
| Colour filter red (D/Q120)                                  | 60 800 205 |
| Colour filter yellow (D/Q120)                               | 60 800 208 |



PASO II D190 Soft LED circular, recessed depth 100 mm

Order no.



- |...|
- Frosted glass cover with diffuser
- Power lead: 0.5 m (3-pole), with PG cable gland on housing
- Includes control gear
- Max. load: 1000 kg, can be walked over
- Colour temperature (LED module): 3200 K (warm white) or 6650 K (cool white)
- Power consumption: 4,8 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 220–240 V / 50/60 Hz
- Surface temperature of glass panel 35 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- External through-wiring possible with IP67 universal box; please order separately
- Neutral-white colour temperature available on request

Pre-assembled luminaire (Soft LED 230 V)

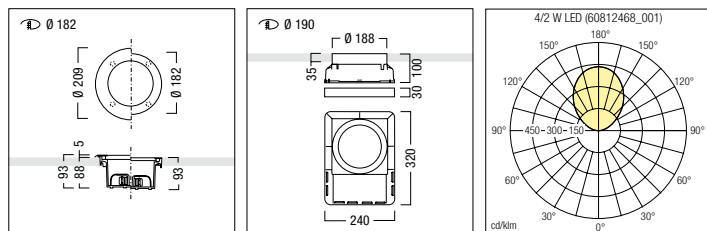
|                                       |            |
|---------------------------------------|------------|
| with surround, circular (overlapping) |            |
| 4/1,2 W LED cool white                | 60 812 468 |
| 4/1,2 W LED warm white                | 60 812 467 |

Pre-assembled luminaire (Soft LED 230 V)

|                                 |            |
|---------------------------------|------------|
| with surround, circular (flush) |            |
| 4/1,2 W LED cool white          | 60 812 470 |
| 4/1,2 W LED warm white          | 60 812 469 |

Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround kit D190, H = 100 mm              | 60 800 340 |
| D/Q190 mounting kit for downlight and wall-mounted position | 60 800 293 |
| D190 glass seal   | 60 800 276 |
| Mounting kit D190/Q190 for timber and cavity walls          | 60 800 191 |



## PASO II Q190 Soft LED square, recessed depth 100 mm

Order no.



- [...]
  - Frosted glass cover with diffuser
  - Power lead: 0.5 m (3-pole), with PG cable gland on housing
  - Includes control gear
  - Max. load: 1000 kg, can be walked over
  - Colour temperature (LED module): 3200 K (warm white) or 6650 K (cool white)
  - Power consumption: 4,8 W
  - IP 67 degree of protection, Class of protection I
  - Mains voltage: 220–240 V / 50/60 Hz
  - Surface temperature of glass panel 35 °C maximum
  - Please always install with flexible cables e.g. H07RN-F
  - External through-wiring possible with IP67 universal box; please order separately
  - Neutral-white colour temperature available on request

## Pre-assembled luminaire (Soft LED 230 V) with surround, square (overlapping)

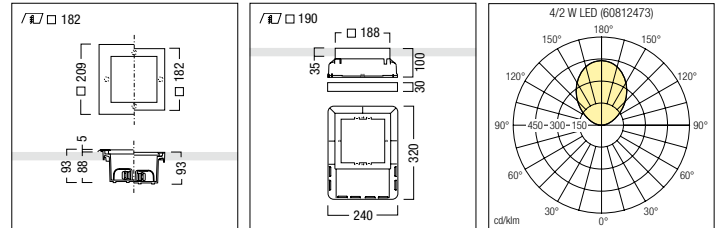
|                        |            |
|------------------------|------------|
| 4/1,2 W LED cool white | 60 812 474 |
| 4/1,2 W LED warm white | 60 812 473 |

## Pre-assembled luminaire (Soft LED 230 V) with surround, square (flush)

|                        |            |
|------------------------|------------|
| 4/1,2 W LED cool white | 60 812 476 |
| 4/1,2 W LED warm white | 60 812 475 |

## Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround kit Q190, H = 100 mm              | 60 800 341 |
| D/Q190 mounting kit for downlight and wall-mounted position | 60 800 293 |
| Mounting kit D190/Q190 for timber and cavity walls          | 60 800 191 |
| Q190 glass seal   | 60 800 277 |



## PASO II D190 Soft LED RRGB circular, recessed depth 100 mm

Order no.



- [...]
  - Frosted glass cover with diffuser
  - LED RRGB module (red/green/green/blue)
  - Power lead: 0.5 m (3-pole), with PG cable gland on housing
  - Dali connected via connector fitted with PG cable gland
  - Includes control gear, Dali compatible (Dali only)
  - Max. load: 1000 kg, can be walked over
  - Power consumption: 8 W
  - IP 67 degree of protection, Class of protection I
  - Mains voltage: 220–240 V / 50/60 Hz
  - Surface temperature of glass panel 38 °C maximum
  - Please always install with flexible cables e.g. H07RN-F
  - External through-wiring possible with IP67 universal box; please order separately
  - DMX control upon request

## Pre-assembled luminaire (Soft LED RGB 230 V) with surround, circular (overlapping)

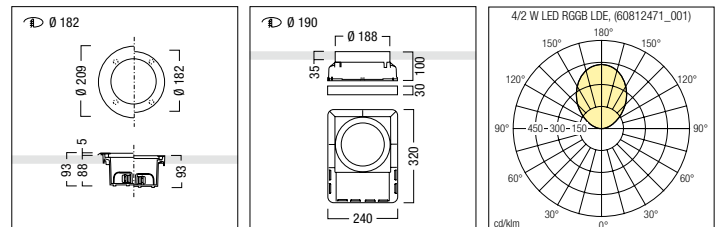
|  |            |
|--|------------|
| 4/2 W LED RRGB LDE, dimmable Dali only | 60 812 471 |
|--|------------|

## Pre-assembled luminaire (Soft LED RGB 230 V) with surround, circular (flush)

|  |            |
|--|------------|
| 4/2 W LED RRGB LDE, dimmable Dali only | 60 812 472 |
|--|------------|

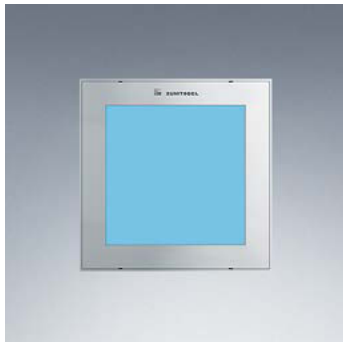
## Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround kit D190, H = 100 mm              | 60 800 340 |
| D/Q190 mounting kit for downlight and wall-mounted position | 60 800 293 |
| D190 glass seal   | 60 800 276 |
| Mounting kit D190/Q190 for timber and cavity walls          | 60 800 191 |



## PASO II Q190 Soft LED RGGG square, recessed depth 100 mm

Order no.



- I...I
- Frosted glass cover with diffuser
- LED RGGG module (red/green/green/blue)
- Power lead: 0.5 m (3-pole), with PG cable gland on housing
- Dali connected via connector fitted with PG cable gland
- Includes control gear, Dali compatible (Dali only)
- Max. load: 1000 kg, can be walked over
- Power consumption: 8 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 220–240 V / 50/60 Hz
- Surface temperature of glass panel 38 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- External through-wiring possible with IP67 universal box; please order separately
- DMX control upon request

## Pre-assembled luminaire (Soft LED RGB 230 V) with surround, square (overlapping)

4/2 W LED RGB LDE, dimmable Dali only 60 812 477

## Pre-assembled luminaire (Soft LED RGB 230 V) with surround, square (flush)

4/2 W LED RGB LDE, dimmable Dali only 60 812 478

## Accessory

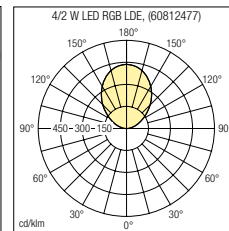
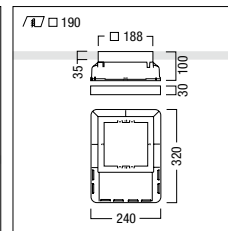
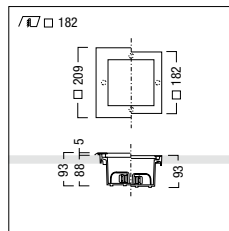
13.5 cable gland in special steel (V2A) 60 800 294

Concrete casting surround kit Q190, H = 100 mm 60 800 341

D/Q190 mounting kit for downlight and wall-mounted position 60 800 293

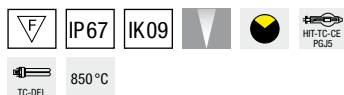
Mounting kit D190/Q190 for timber and cavity walls 60 800 191

Q190 glass seal 60 800 277



## PASO II D190 circular, recessed depth 100 mm

Order no.



- I...I
- Partially frosted glass cover
- Frosted glass cover with diffuser in models for TC-DEL compact fluorescent lamp
- Power lead: 0.5 m (3-pole), with PG cable gland on housing
- Includes control gear
- Max. load: 1000 kg, can be walked over
- IP 67 degree of protection, Class of protection I
- Mains voltage: 220–240 V / 50/60 Hz
- Maximum surface temperature of glass panel: 88 °C for HIT; 60 °C for TC-DEL
- 1 accessory unit installed using filter holder
- HIT: control gear housed in separate IP67 universal box, through-wiring possible
- TC-DEL: through-wiring possible in combination with MINI IP67 universal box; please order separately

## Circular surround (overlapping)

1/10 W TC-DEL G24 q-1 EVG Glass cover, frosted 60 811 658

1/20 W HIT-TC-CE PGJ5 EVG Glass cover, partly frosted 60 811 660

## Round surround (flush)

1/10 W TC-DEL G24 q-1 EVG Glass cover, frosted 60 811 659

1/20 W HIT-TC-CE PGJ5 EVG Glass cover, partly frosted 60 811 661

## Accessory

13.5 cable gland in special steel (V2A) 60 800 294

Concrete casting surround kit D190, H = 100 mm 60 800 340

D/Q190 mounting kit for downlight and wall-mounted position 60 800 293

D190 glass seal 60 800 276

Filter holder D190, for a max. of 2 filters 60 800 195

Mounting kit D190/Q190 for timber and cavity walls 60 800 191

Radial louvre for 1/20 W HIT 60 800 433

Blocking filter IR filter D190 60 800 231

Colour filter blue 60 800 214

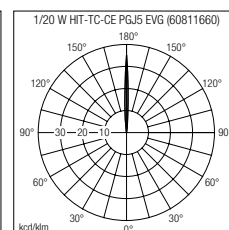
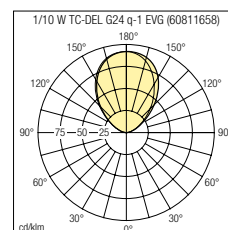
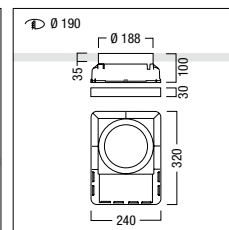
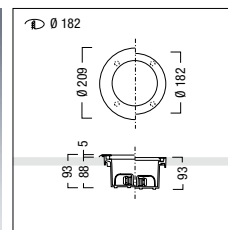
Colour filter green 60 800 215

Colour filter red 60 800 213

Colour filter yellow 60 800 216



60 800 340



**PASO II Q190 square, recessed depth 100 mm**

Order no.



- |...|
- Partially frosted glass cover
- Frosted glass cover with diffuser in models for TC-DEL compact fluorescent lamp
- Power lead: 0.5 m (3-pole), with PG cable gland on housing
- Includes control gear
- Max. load: 1000 kg, can be walked over
- IP 67 degree of protection, Class of protection I
- Mains voltage: 220–240 V / 50/60 Hz
- Maximum surface temperature of glass panel: 88 °C for HIT; 60 °C for TC-DEL
- 1 accessory unit installed using filter holder
- HIT: control gear housed in separate IP67 universal box, through-wiring possible
- TC-DEL: through-wiring possible in combination with MINI IP67 universal box; please order separately

**Square surround (overlapping)**

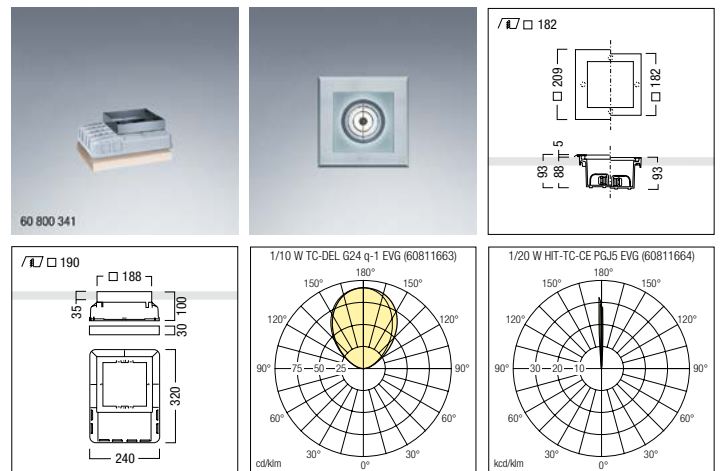
|   |            |
|---|------------|
| 1/10 W TC-DEL G24 q-1 EVG Glass cover, frosted $\frac{850}{60}$ | 60 811 662 |
| 1/20 W HIT-TC-CE PGJ5 EVG Glass cover, partly frosted           | 60 811 664 |

**Square surround (flush)**

|   |            |
|---|------------|
| 1/10 W TC-DEL G24 q-1 EVG Glass cover, frosted $\frac{850}{60}$ | 60 811 663 |
| 1/20 W HIT-TC-CE PGJ5 EVG Glass cover, partly frosted           | 60 811 665 |

**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround kit Q190, H = 100 mm              | 60 800 341 |
| D/Q190 mounting kit for downlight and wall-mounted position | 60 800 293 |
| Filter holder Q190, for a max. of 2 filters                 | 60 800 196 |
| Mounting kit D190/Q190 for timber and cavity walls          | 60 800 191 |
| Q190 glass seal   | 60 800 277 |
| Radial louvre for 1/20 W HIT                                | 60 800 433 |
| Blocking filter IR filter Q190                              | 60 800 232 |
| Colour filter blue  | 60 800 218 |
| Colour filter green   | 60 800 219 |
| Colour filter red   | 60 800 217 |
| Colour filter yellow  | 60 800 220 |



**PASO II D190 LED circular**

Order no.



- |...|
- Accent spot with 3° superspot beam pattern (PowerLEDs with lens optic)
- Partially frosted glass cover
- PG cable gland, through-wiring possible
- Colour temperature: 3200 K (warm white) or 6650 K (cool white)
- Includes control gear
- Connection: 3-pole terminal strip
- Max. load: 1000 kg, can be walked over
- PowerLED: ±15° tilt
- Power consumption: 8 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 220–240 V / 50/60 Hz
- Surface temperature of glass panel 35 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Neutral-white colour temperature available on request

**Pre-assembled luminaire (230 V power LED)**

**with surround, circular (overlapping)**

|                                 |            |
|---------------------------------|------------|
| 4/2 W LED cool white, superspot | 60 812 481 |
| 4/2 W LED warm white, superspot | 60 812 479 |

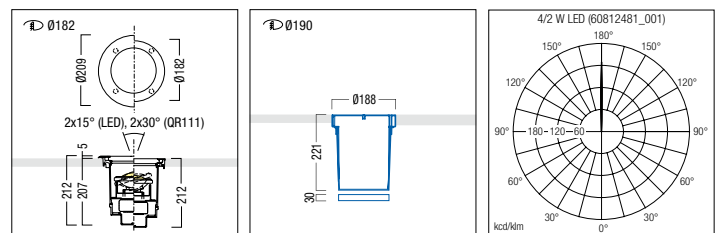
**Pre-assembled luminaire (230 V power LED)**

**with surround, circular (flush)**

|                                 |            |
|---------------------------------|------------|
| 4/2 W LED cool white, superspot | 60 812 482 |
| 4/2 W LED warm white, superspot | 60 812 480 |

**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D190, H= 221 mm               | 60 800 184 |
| D/Q190 mounting kit for downlight and wall-mounted position | 60 800 293 |
| D190 glass seal   | 60 800 276 |
| Mounting kit D190/Q190 for timber and cavity walls          | 60 800 191 |



**PASO II Q190 LED square**

Order no.



- |...|
- Accent spot with 3° superspot beam pattern (PowerLEDs with lens optic)
- Partially frosted glass cover
- PG cable gland, through-wiring possible
- Colour temperature: 3200 K (warm white) or 6650 K (cool white)
- Includes control gear
- Connection: 3-pole terminal strip
- Max. load: 1000 kg, can be walked over
- PowerLED: ±15° tilt
- Power consumption: 8 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 220–240 V / 50/60 Hz
- Surface temperature of glass panel 35 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Neutral-white colour temperature available on request

**Pre-assembled luminaire (powerLED 230 V with surround, square (overlapping))**

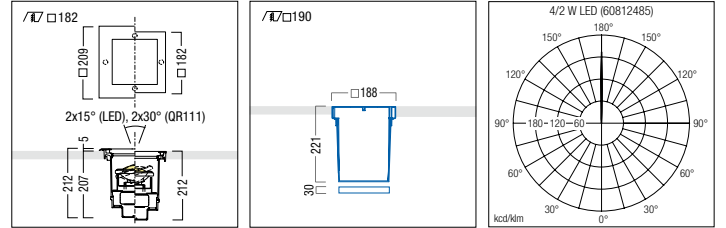
|                                 |            |
|---------------------------------|------------|
| 4/2 W LED cool white, superspot | 60 812 487 |
| 4/2 W LED warm white, superspot | 60 812 485 |

**Pre-assembled luminaire (230 V power LED with surround, square (flush))**

|                                 |            |
|---------------------------------|------------|
| 4/2 W LED cool white, superspot | 60 812 488 |
| 4/2 W LED warm white, superspot | 60 812 486 |

**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set Q190, H= 221 mm               | 60 800 185 |
| D/Q190 mounting kit for downlight and wall-mounted position | 60 800 293 |
| Mounting kit D190/Q190 for timber and cavity walls          | 60 800 191 |
| Q190 glass seal   | 60 800 277 |



**PASO II D190 LED RGGG circular**

Order no.



- |...|
- Accent spot with 30° flood beam pattern (PowerLEDs with lens optic)
- Partially frosted glass cover
- PowerLED RGGG (red/green/blue): ±15° tilt
- PG cable gland
- Dali connected via connector fitted with PG cable gland
- Includes control gear, Dali compatible (Dali only)
- Connection: 3-pole terminal strip
- Max. load: 1000 kg, can be walked over
- Power consumption: 8 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 220–240 V / 50/60 Hz
- Surface temperature of glass panel 35 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- External through-wiring possible with IP67 universal box; please order separately
- DMX control upon request

**Pre-assembled luminaire (PowerLED RGB 230 V with surround, circular (overlapping))**

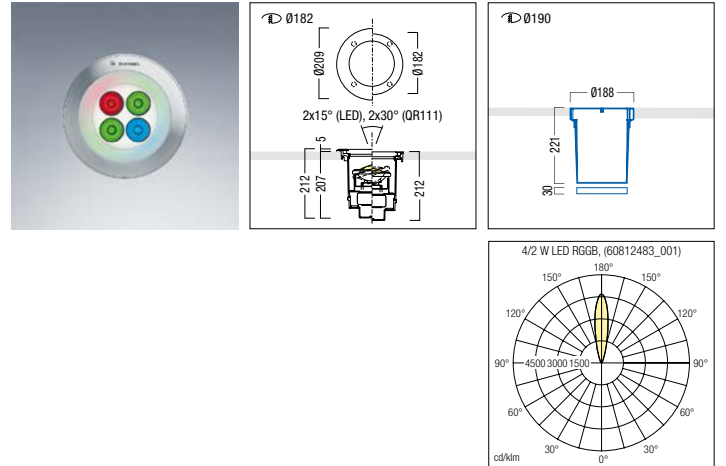
|   |            |
|---|------------|
| 4/2 W LED RGGG, flood, dimmable Dali only | 60 812 483 |
|---|------------|

**Pre-assembled luminaire (PowerLED RGB 230 V with surround, circular (flush))**

|   |            |
|---|------------|
| 4/2 W LED RGGG, flood, dimmable Dali only | 60 812 484 |
|---|------------|

**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D190, H= 221 mm               | 60 800 184 |
| D/Q190 mounting kit for downlight and wall-mounted position | 60 800 293 |
| D190 glass seal   | 60 800 276 |
| Mounting kit D190/Q190 for timber and cavity walls          | 60 800 191 |



**PASO II Q190 LED RGGG square**

Order no.



- [...]
  - Accent spot with 30° flood beam pattern (PowerLEDs with lens optic)
  - Partially frosted glass cover
  - PowerLED RGGG (red/green/blue): ±15° tilt
  - PG cable gland
  - Dali connected via connector fitted with PG cable gland
  - Includes control gear, Dali compatible (Dali only)
  - Connection: 3-pole terminal strip
  - Max. load: 1000 kg, can be walked over
  - Power consumption: 8 W
  - IP 67 degree of protection, Class of protection I
  - Mains voltage: 220–240 V / 50/60 Hz
  - Surface temperature of glass panel 35 °C maximum
  - Please always install with flexible cables e.g. H07RN-F
  - External through-wiring possible with IP67 universal box; please order separately
  - DMX control upon request

**Pre-assembled luminaire (PowerLED RGB 230 V) with surround, square (overlapping)**

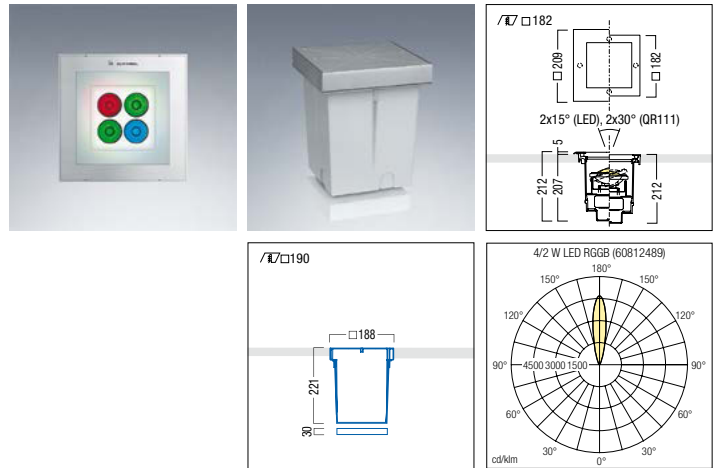
4/2 W LED RGGG flood, dimmable Dali only 60 812 489

**Pre-assembled luminaire (PowerLED RGB 230 V), with surround, square (flush)**

4/2 W LED RGGG flood, dimmable Dali only 60 812 490

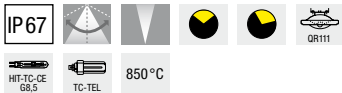
**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set Q190, H= 221 mm               | 60 800 185 |
| D/Q190 mounting kit for downlight and wall-mounted position | 60 800 293 |
| Mounting kit D190/Q190 for timber and cavity walls          | 60 800 191 |
| Q190 glass seal   | 60 800 277 |



**PASO II D190 circular**

Order no.



- [...]
  - Partially frosted glass cover
  - Frost glass cover with diffuser in models for TC-TEL compact fluorescent lamp
  - PG cable gland, through-wiring possible
  - Includes control gear
  - Connection: 3-pole terminal strip
  - QR 111 lamps: QR 111 IRC only, max. wattage 30 W (Philips MASTER-Line 111 30 W G53 12 V 24D)
  - QR 111: ±30° tilt
  - HIT-TC-CE: ±20° tilt
  - Max. load: 1000 kg, can be walked over
  - IP 67 degree of protection, Class of protection I
  - Mains voltage: 220–240 V / 50/60 Hz
  - Maximum surface temperature of glass panel: 82 °C for HIT; 99 °C for QR111; 74 °C for TC-TEL
  - Max. of 2 accessory parts installed using filter holder

**Circular surround (overlapping)**

1/18 W TC-TEL GX24 q-2 EVG Glass cover, frosted electronic 60 810 609

1/20 W HIT-TC-CE G8,5 EVG spot, partly frosted glass cover electronic 60 810 605

1/30 W QR 111 IRC Partially frosted glass cover white powder-coated 60 812 439

**Round surround (flush)**

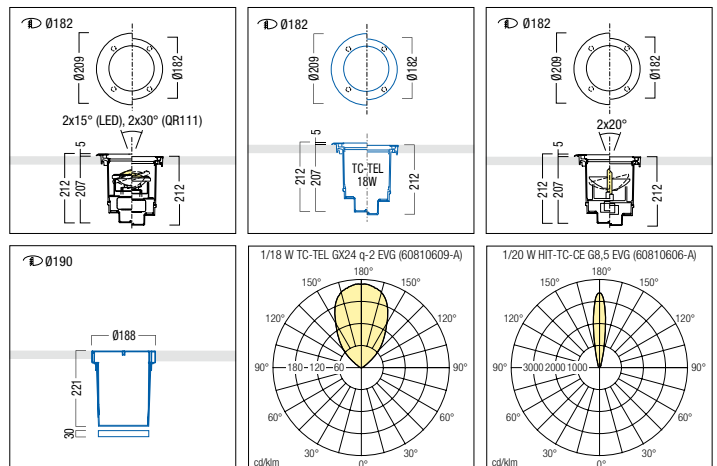
1/18 W TC-TEL GX24 q-2 EVG Glass cover, frosted electronic 60 810 610

1/20 W HIT-TC-CE G8,5 EVG spot, partly frosted glass cover electronic 60 810 606

1/30 W QR 111 IRC Partially frosted glass cover white powder-coated 60 812 440

**Accessory**

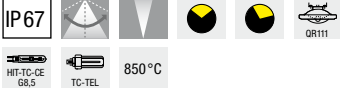
|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D190, H= 221 mm               | 60 800 184 |
| D/Q190 mounting kit for downlight and wall-mounted position | 60 800 293 |
| D190 glass seal   | 60 800 276 |
| Filter holder D190, for a max. of 2 filters                 | 60 800 195 |
| Honeycomb mesh D190, black                                  | 60 800 201 |
| Mounting kit D190/Q190 for timber and cavity walls          | 60 800 191 |
| Blocking filter IR filter D190                              | 60 800 231 |
| Colour filter blue  | 60 800 214 |
| Colour filter green   | 60 800 215 |
| Colour filter red   | 60 800 213 |
| Colour filter yellow  | 60 800 216 |





PASO II Q190 square

Order no.



- I...I
- Partially frosted glass cover
- Frost glass cover with diffuser in models for TC-TEL compact fluorescent lamp
- PG cable gland, through-wiring possible
- Includes control gear
- Connection: 3-pole terminal strip
- QR 111 lamps: QR 111 IRC only, max. wattage 30 W (Philips MASTER-Line 111 30 W G53 12 V 24D)
- QR 111: ±30° tilt
- HIT-TC-CE: ±20° tilt
- Max. load: 1000 kg, can be walked over
- IP 67 degree of protection, Class of protection I
- Mains voltage: 220–240 V / 50/60 Hz
- Maximum surface temperature of glass panel: 82 °C for HIT; 99 °C for QR111; 74 °C for TC-TEL
- Max. of 2 accessory parts installed using filter holder

Square surround (overlapping)

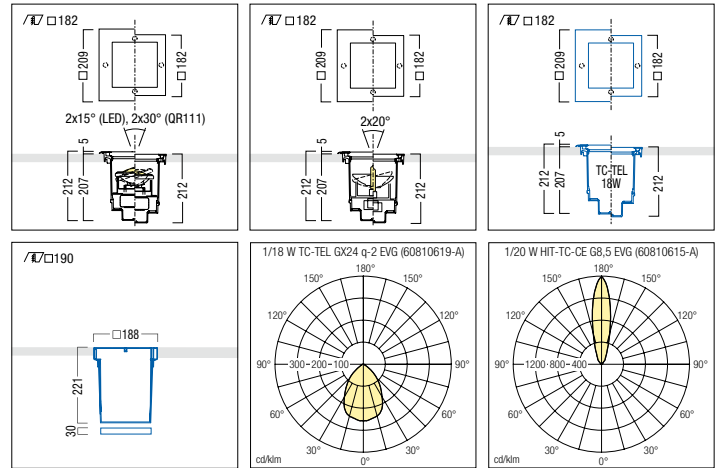
|   |            |
|---|------------|
| 1/18 W TC-TEL GX24 q-2 EVG Glass cover, frosted electronic ▽            | 60 810 619 |
| 1/20 W HIT-TC-CE G8,5 EVG spot, partly frosted glass cover electronic ▽ | 60 810 615 |
| 1/30 W QR 111 IRC Partially frosted glass cover white powder-coated     | 60 812 441 |

Square surround (flush)

|   |            |
|---|------------|
| 1/18 W TC-TEL GX24 q-2 EVG Glass cover, frosted electronic ▽            | 60 810 620 |
| 1/20 W HIT-TC-CE G8,5 EVG spot, partly frosted glass cover electronic ▽ | 60 810 616 |
| 1/30 W QR 111 IRC Partially frosted glass cover white powder-coated     | 60 812 442 |

Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set Q190, H= 221 mm               | 60 800 185 |
| D/Q190 mounting kit for downlight and wall-mounted position | 60 800 293 |
| Filter holder Q190, for a max. of 2 filters                 | 60 800 196 |
| Honeycomb mesh Q190, black                                  | 60 800 202 |
| Mounting kit D190/Q190 for timber and cavity walls          | 60 800 191 |
| Q190 glass seal   | 60 800 277 |
| Blocking filter IR filter Q190                              | 60 800 232 |
| Colour filter blue  | 60 800 218 |
| Colour filter green   | 60 800 219 |
| Colour filter red   | 60 800 217 |
| Colour filter yellow  | 60 800 220 |



## PASO II D260 Soft LED RGB circular, recessed depth 100 mm

Order no.



- ...
- Frosted glass cover with diffuser
- LED RGB module (red/green/blue)
- PG cable gland, through-wiring possible
- Power connection: 4-pole terminal strip (common RGB positive terminal)
- Max. load: 1000 kg, can be walked over
- Power input: max. 8.3 W
- IP 67 degree of protection, Class of protection III
- Protective low voltage: 24 V-DC SELV
- Operated via DALI power pack, 1–10 V power pack or sequencer; please order separately
- Radial wiring for bus line and power supply
- Surface temperature of glass panel 38 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Electronic power packs must be ordered separately (with protection type IP20: in dry areas only)
- DMX control upon request

## Pre-assembled luminaire (Soft LED RGB 24 V) with surround, circular (overlapping)

8,3 W LED RGB 60 810 990

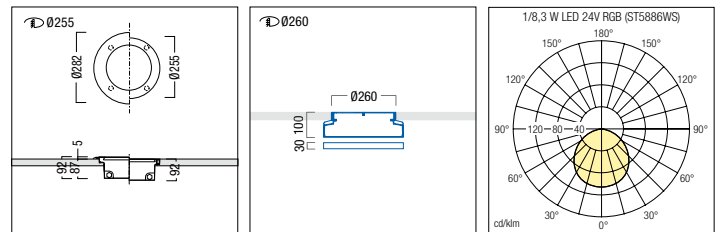
## Pre-assembled luminaire (Soft LED RGB 24 V) with surround, circular (flush)

8,3 W LED RGB 60 810 991

## Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D260, H= 100 mm               | 60 800 188 |
| D/Q260 mounting kit for downlight and wall-mounted position | 60 800 305 |
| D260 glass seal   | 60 800 278 |
| Mounting kit D260/Q260 for wooden and cavity floors         | 60 800 192 |
| Terminal for screening cable (10 off/package)               | 60 800 312 |
| Electronic LED power pack 0100 K240 24 V                    | 24 138 976 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 25 W       | S7 003 230 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 8 W        | S7 003 150 |
| Electronically dimmable LED power pack 0025 K211 24 V       | 86 455 066 |
| Amplifier C001 PMW-dimmer                                   | 86 454 974 |
| Sequencers C002 PWM sequencer                               | 86 454 968 |

60 800 312: cable accessory for shielding the cable on the mounting plate (set of 2 per luminaire).



## PASO II Q260 Soft LED RGB square, recessed depth 100 mm

Order no.



- ...
- Frosted glass cover with diffuser
- LED RGB module (red/green/blue)
- PG cable gland, through-wiring possible
- Power connection: 4-pole terminal strip (common RGB positive terminal)
- Max. load: 1000 kg, can be walked over
- Power input: max. 4.8 W
- IP 67 degree of protection, Class of protection III
- Protective low voltage: 24 V-DC SELV
- Operated via DALI power pack, 1–10 V power pack or sequencer; please order separately
- Radial wiring for bus line and power supply
- Surface temperature of glass panel 38 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Electronic power packs must be ordered separately (with protection type IP20: in dry areas only)
- DMX control upon request

## Pre-assembled luminaire (Soft LED RGB 24 V) with surround, square (overlapping)

4,8 W LED RGB 60 810 992

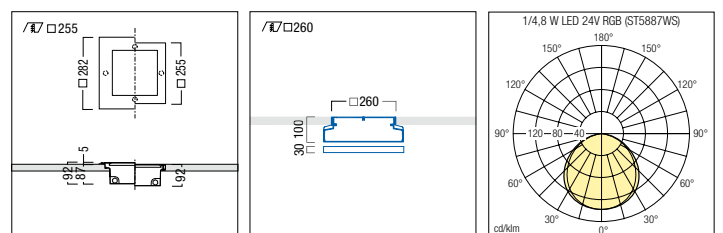
## Pre-assembled luminaire (Soft LED RGB 24 V) with surround, square (flush)

4,8 W LED RGB 60 810 993

## Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set Q260, H = 100 mm              | 60 800 189 |
| D/Q260 mounting kit for downlight and wall-mounted position | 60 800 305 |
| Mounting kit D260/Q260 for wooden and cavity floors         | 60 800 192 |
| Q260 glass seal   | 60 800 279 |
| Terminal for screening cable (10 off/package)               | 60 800 312 |
| Electronic LED power pack 0100 K240 24 V                    | 24 138 976 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 25 W       | S7 003 230 |
| Electronic LED power pack ETR 230V-AC / 24V-DC / 8 W        | S7 003 150 |
| Electronically dimmable LED power pack 0025 K211 24 V       | 86 455 066 |
| Amplifier C001 PMW-dimmer                                   | 86 454 974 |
| Sequencers C002 PWM sequencer                               | 86 454 968 |

60 800 312: cable accessory for shielding the cable on the mounting plate (set of 2 per luminaire)



**PASO II D260 circular, recessed depth 100 mm**

Order no.



850 °C

- |...|
- Partially frosted glass cover
- Frosted glass cover with diffuser in models for TC-DEL compact fluorescent lamp
- Power lead: 0.5 m (3-pole), with PG cable gland on housing
- Includes control gear
- Max. load: 1000 kg, can be walked over
- IP 67 degree of protection, Class of protection I
- Mains voltage: 230–240 V / 50/60 Hz
- Maximum surface temperature of glass panel: 87 °C for HIT 35 W; 62 °C for TC-DEL/ HIT 20 W
- Please always install with flexible cables e.g. H07RN-F
- 1 accessory unit installed using filter holder
- External through-wiring possible with IP67 universal box; please order separately
- TC-DEL: cannot be fitted with honeycomb louvre

**Circular surround (overlapping)**

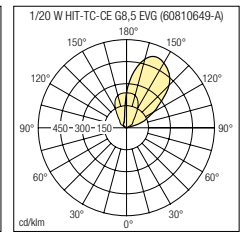
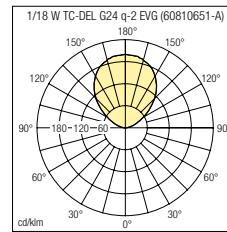
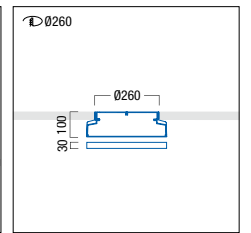
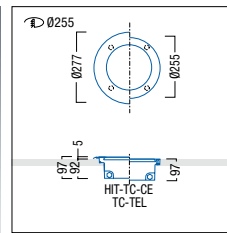
|   |            |                   |
|---|------------|-------------------|
| 1/18 W TC-DEL G24 q-2 EVG Glass cover, frosted                      | 60 810 651 | <i>electronic</i> |
| 1/20 W HIT-TC-CE G8,5 EVG asymmetrical, partly frosted glass cover  | 60 810 649 |                   |
| 1/35 W HIT-TC-CE G8,5 EVG asymmetric, partially frosted glass cover | 60 812 451 |                   |

**Round surround (flush)**

|   |            |                   |
|---|------------|-------------------|
| 1/18 W TC-DEL G24 q-2 EVG Glass cover, frosted                      | 60 810 652 | <i>electronic</i> |
| 1/20 W HIT-TC-CE G8,5 EVG asymmetrical, partly frosted glass cover  | 60 810 650 |                   |
| 1/35 W HIT-TC-CE G8,5 EVG asymmetric, partially frosted glass cover | 60 812 452 |                   |

**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D260, H= 100 mm               | 60 800 188 |
| D/Q260 mounting kit for downlight and wall-mounted position | 60 800 305 |
| D260 glass seal   | 60 800 278 |
| Filter holder D260, for 1 filter                            | 60 800 236 |
| Mounting kit D260/Q260 for wooden and cavity floors         | 60 800 192 |
| Blocking filter IR filter D260                              | 60 800 233 |
| Colour filter blue  | 60 800 222 |
| Colour filter green   | 60 800 223 |
| Colour filter red   | 60 800 221 |
| Colour filter yellow  | 60 800 224 |



**PASO II Q260 square, recessed depth 100 mm**

Order no.



- I...I
- Partially frosted glass cover
- Frosted glass cover with diffuser in models for TC-DEL compact fluorescent lamp
- Power lead: 0.5 m (3-pole), with PG cable gland on housing
- Includes control gear
- Max. load: 1000 kg, can be walked over
- IP 67 degree of protection, Class of protection I
- Mains voltage: 230–240 V / 50/60 Hz
- Maximum surface temperature of glass panel: 87 °C for HIT 35 W; 62 °C for TC-DEL/ HIT 20 W
- 1 accessory unit installed using filter holder
- External through-wiring possible with IP67 universal box; please order separately
- TC-DEL: cannot be fitted with honey-comb louvre

**Square surround (overlapping)**

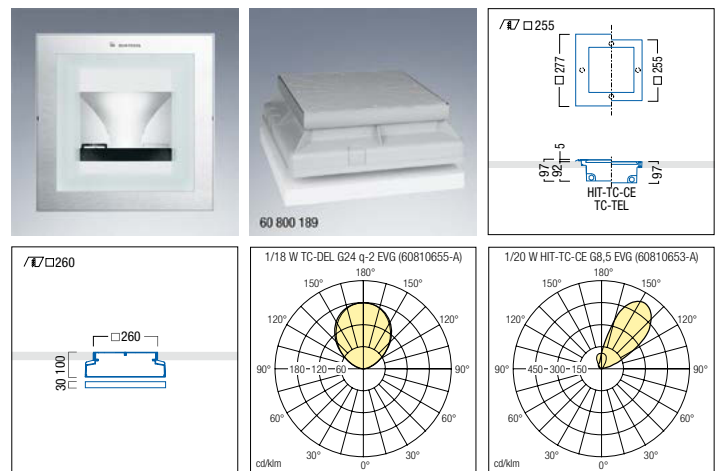
|  |            |                   |
|--|------------|-------------------|
| 1/18 W TC-DEL G24 q-2 EVG Glass cover, frosted                     | 60 810 655 | <i>electronic</i> |
| 1/20 W HIT-TC-CE G8,5 EVG asymmetrical, partly frosted glass cover | 60 810 653 |                   |
| 1/35 W HIT-TC-CE G8,5 EVG asymmetric, partly frosted glass cover   | 60 812 453 |                   |

**Square surround (flush)**

|  |            |                   |
|--|------------|-------------------|
| 1/18 W TC-DEL G24 q-2 EVG Glass cover, frosted                     | 60 810 656 | <i>electronic</i> |
| 1/20 W HIT-TC-CE G8,5 EVG asymmetrical, partly frosted glass cover | 60 810 654 |                   |
| 1/35 W HIT-TC-CE G8,5 EVG asymmetric, partly frosted glass cover   | 60 812 454 |                   |

**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set Q260, H = 100 mm              | 60 800 189 |
| D/Q260 mounting kit for downlight and wall-mounted position | 60 800 305 |
| Filter holder D260, for 1 filter                            | 60 800 237 |
| Mounting kit D260/Q260 for wooden and cavity floors         | 60 800 192 |
| Q260 glass seal   | 60 800 279 |
| Blocking filter IR filter Q260                              | 60 800 234 |
| Colour filter blue  | 60 800 226 |
| Colour filter green   | 60 800 227 |
| Colour filter red   | 60 800 225 |
| Colour filter yellow  | 60 800 228 |



**PASO II D260 LED circular**

Order no.



- I...I
- Accent spot with 3° superspot beam pattern (PowerLEDs with lens optic)
- Partially frosted glass cover
- PG cable gland, through-wiring possible
- Colour temperature: 3200 K (warm white) or 6650 K (cool white)
- Includes control gear
- Connection: 3-pole terminal strip
- Max. load: 1000 kg, can be walked over
- PowerLED: ±15° tilt
- Power consumption: 14 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 220–240 V / 50/60 Hz
- Surface temperature of glass panel 40 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- Neutral-white colour temperature available on request
- Square versions available on request

**Pre-assembled luminaire (230 V power LED)**

**with surround, circular (overlapping)**

|                                 |            |
|---------------------------------|------------|
| 7/2 W LED cool white, superspot | 60 812 493 |
| 7/2 W LED warm white, superspot | 60 812 491 |

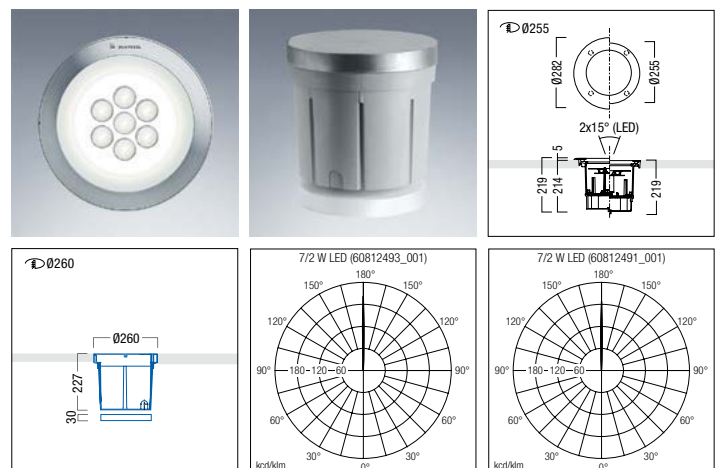
**Pre-assembled luminaire (230 V power LED)**

**with surround, circular (flush)**

|                                 |            |
|---------------------------------|------------|
| 7/2 W LED cool white, superspot | 60 812 494 |
| 7/2 W LED warm white, superspot | 60 812 492 |

**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D260, H= 227 mm               | 60 800 186 |
| D/Q260 mounting kit for downlight and wall-mounted position | 60 800 305 |
| D260 glass seal   | 60 800 278 |
| Mounting kit D260/Q260 for wooden and cavity floors         | 60 800 192 |



**PASO II D260 LED RRGB circular**

Order no.



- |...|
- Accent spot with 30° flood beam pattern (PowerLEDs with lens optic)
- Partially frosted glass cover
- PG cable gland
- DALI connected via connector fitted with PG cable gland
- Includes control gear, DALI compatible (DALI only)
- Connection: 3-pole terminal strip
- Max. load: 1000 kg, can be walked over
- PowerLED RRGBGBB (2xred/3xgreen/2xblue): ±15° tilt
- Power consumption: 14 W
- IP 67 degree of protection, Class of protection I
- Mains voltage: 220–240 V / 50/60 Hz
- Surface temperature of glass panel 38 °C maximum
- Please always install with flexible cables e.g. H07RN-F
- External through-wiring possible with IP67 universal box; please order separately
- DMX control upon request
- Square versions available on request

**Pre-assembled luminaire (PowerLED RGB 230 V) with surround, circular (overlapping)**

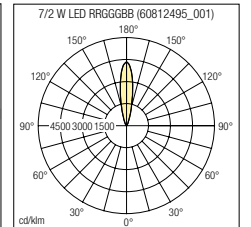
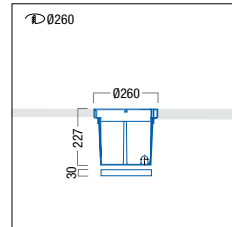
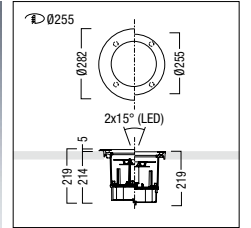
7/2 W LED RRGBGBB flood, dimmable DALI only 60 812 495

**Pre-assembled luminaire (PowerLED RGB 230 V) with surround, circular (flush)**

7/2 W LED RRGBGBB flood, dimmable DALI only 60 812 496

**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D260, H= 227 mm               | 60 800 186 |
| D/Q260 mounting kit for downlight and wall-mounted position | 60 800 305 |
| D260 glass seal   | 60 800 278 |
| Mounting kit D260/Q260 for wooden and cavity floors         | 60 800 192 |



## PASO II D260 circular

Order no.



- |...|
- Partially frosted glass cover
- Frost glass cover with diffuser in models for TC-TEL compact fluorescent lamp
- PG cable gland, through-wiring possible
- Includes control gear
- Connection: 3-pole terminal strip
- HIT-CE:  $\pm 15^\circ$  tilt
- Max. load: 1000 kg, can be walked over
- IP 67 degree of protection, Class of protection I
- Mains voltage: 230–240 V / 50/60 Hz
- Maximum surface temperature of glass panel: 97 °C for HIT 70 W; 76 °C for TC-DEL/ HIT 35 W
- Please always install with flexible cables e.g. H07RN-F
- Max. of 2 accessory parts installed using filter holder
- 1/70 W HIT-CE: cannot be used with filter or honeycomb louvre
- Square versions available on request

## Circular surround (overlapping)

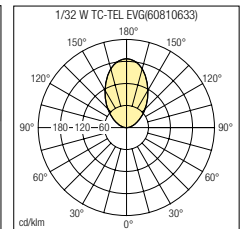
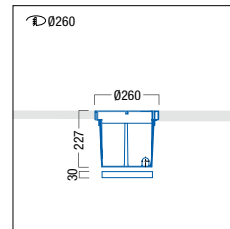
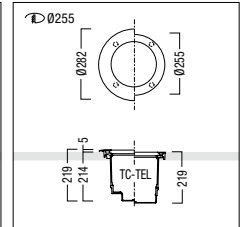
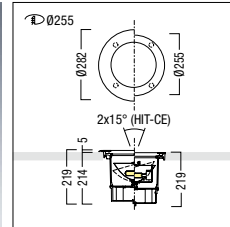
|  |            |
|--|------------|
| 1/26 W, 1/32 W TC-TEL GX24 q-3 EVG Glass cover, frosted        | 60 810 633 |
| 1/35 W HIT-CE G12 VVG flood, partially frosted glass cover     | 60 812 445 |
| 1/35 W HIT-CE G12 VVG superspot, partially frosted glass cover | 60 812 443 |
| 1/70 W HIT-CE G12 VVG flood, partially frosted glass cover     | 60 812 449 |
| 1/70 W HIT-CE G12 VVG superspot, partially frosted glass cover | 60 812 447 |

## Round surround (flush)

|  |            |
|--|------------|
| 1/26 W, 1/32 W TC-TEL GX24 q-3 EVG Glass cover, frosted        | 60 810 634 |
| 1/35 W HIT-CE G12 VVG flood, partially frosted glass cover     | 60 812 446 |
| 1/35 W HIT-CE G12 VVG superspot, partially frosted glass cover | 60 812 444 |
| 1/70 W HIT-CE G12 VVG flood, partially frosted glass cover     | 60 812 450 |
| 1/70 W HIT-CE G12 VVG superspot, partially frosted glass cover | 60 812 448 |

## Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)                     | 60 800 294 |
| Concrete casting surround set D260, H= 227 mm               | 60 800 186 |
| D/Q260 mounting kit for downlight and wall-mounted position | 60 800 305 |
| D260 glass seal   | 60 800 278 |
| Filter holder D260, for a max. of 2 filters                 | 60 800 197 |
| HIT-CE anti-glare plate                                     | 60 800 612 |
| Mounting kit D260/Q260 for wooden and cavity floors         | 60 800 192 |
| Blocking filter IR filter D260                              | 60 800 233 |
| Colour filter blue  | 60 800 222 |
| Colour filter green   | 60 800 223 |
| Colour filter red   | 60 800 221 |
| Colour filter yellow  | 60 800 224 |



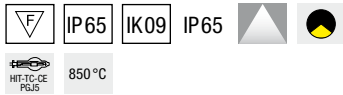
I...I Shared properties  
PASO II DL

- PASO II recessed luminaires for cavity or concrete ceilings
- Die-cast aluminium housing in powder-coated finish
- Colour: White
- Stainless steel surround with Camlock fasteners (no screws visible)
- Includes sealing ring to help prevent water penetrating between luminaire unit and casting surround
- Partially frosted glass cover
- Luminaire supplied with cavity installation kit or concrete casting surround kit
- Includes control gear
- IP 65 degree of protection, Class of protection I

**PASO II DLH/DLB 190 circular, recessed depth 100 mm**

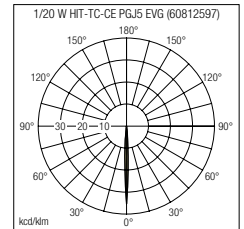
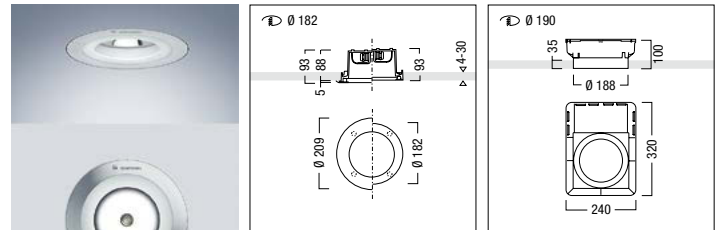


- I...I
- Power lead: 0.5 m (3-pole), with PG cable gland on housing
- Mains voltage: 220–240 V / 50/60 Hz
- Surface temperature of glass panel 88 °C maximum
- 1 accessory unit installed using filter holder
- Cavity installation: ceiling thickness 4–30 mm
- HIT: control gear housed in separate IP67 universal box, through-wiring possible



|   | Order no.         |
|---|-------------------|
| <b>Circular surround (overlapping) with cavity installation kit</b>       | <i>electronic</i> |
| 1/20 W HIT-TC-CE PGJ5 EVG   | 60 812 590        |
| <b>Circular surround (overlapping) with concrete casting surround kit</b> | <i>electronic</i> |
| 1/20 W HIT-TC-CE PGJ5 EVG   | 60 812 597        |
| <b>Circular surround (flush ) with concrete casting surround kit</b>      | <i>electronic</i> |
| 1/20 W HIT-TC-CE PGJ5 EVG   | 60 812 604        |

| Accessory                                   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)     | 60 800 294 |
| D190 glass seal                             | 60 800 276 |
| Filter holder D190, for a max. of 2 filters | 60 800 195 |
| Radial louvre for 1/20 W HIT                | 60 800 433 |
| Blocking filter IR filter D190              | 60 800 231 |
| Colour filter blue                          | 60 800 214 |
| Colour filter green                         | 60 800 215 |
| Colour filter red                           | 60 800 213 |
| Colour filter yellow                        | 60 800 216 |



## PASO II DLH/DLB 190 LED circular

Order no.



- |...|
- Accent spot with 3° superspot beam pattern (PowerLEDs with lens optic)
- PG cable gland, through-wiring possible
- Colour temperature: 3200 K (warm white) or 6650 K (cool white)
- Connection: 3-pole terminal strip
- PowerLED:  $\pm 15^\circ$  tilt
- Power consumption: 8 W
- Mains voltage: 220–240 V / 50/60 Hz
- Surface temperature of glass panel 35 °C maximum
- Cavity installation: ceiling thickness 4–30 mm
- Please always install with flexible cables e.g. H07RN-F
- Neutral-white colour temperature available on request

## Circular surround (overlapping) with cavity installation kit

|                                 |            |
|---------------------------------|------------|
| 4/2 W LED cool white, superspot | 60 812 589 |
| 4/2 W LED warm white, superspot | 60 812 588 |

## Circular surround (overlapping) with concrete casting surround kit

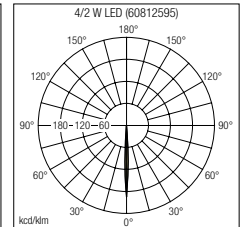
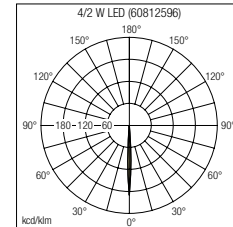
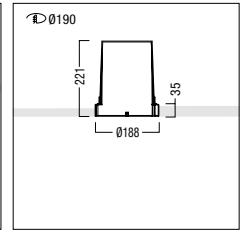
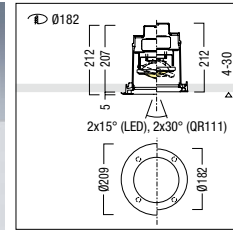
|                                 |            |
|---------------------------------|------------|
| 4/2 W LED cool white, superspot | 60 812 596 |
| 4/2 W LED warm white, superspot | 60 812 595 |

## Circular surround (flush ) with concrete casting surround kit

|                                 |            |
|---------------------------------|------------|
| 4/2 W LED cool white, superspot | 60 812 603 |
| 4/2 W LED warm white, superspot | 60 812 602 |

## Accessory

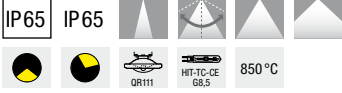
|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A) | 60 800 294 |
| D190 glass seal                         | 60 800 276 |





PASO II DLH/DLB 190 circular

Order no.



- [...]
  - PG cable gland, through-wiring possible
  - Connection: 3-pole terminal strip
  - QR 111 lamps: QR 111 IRC only, max. wattage 30 W (Philips MASTER-Line 111 30 W G53 12 V 24D)
  - QR 111: ±30° tilt
  - HIT-TC-CE: ±20° tilt
  - Mains voltage: 220–240 V / 50/60 Hz
  - Maximum surface temperature of glass panel: 82 °C for HIT; 99 °C for QR111
  - Max. of 2 accessory parts installed using filter holder
  - Cavity installation: ceiling thickness 4–30 mm

Circular surround (overlapping) with cavity installation kit

|                                |   |            |
|--------------------------------|---|------------|
| 1/20 W HIT-TC-CE G8,5 EVG spot | ▽ | 60 812 587 |
| 1/30 W QR 111 IRC              |   | 60 812 586 |

Circular surround (overlapping) with concrete casting surround kit

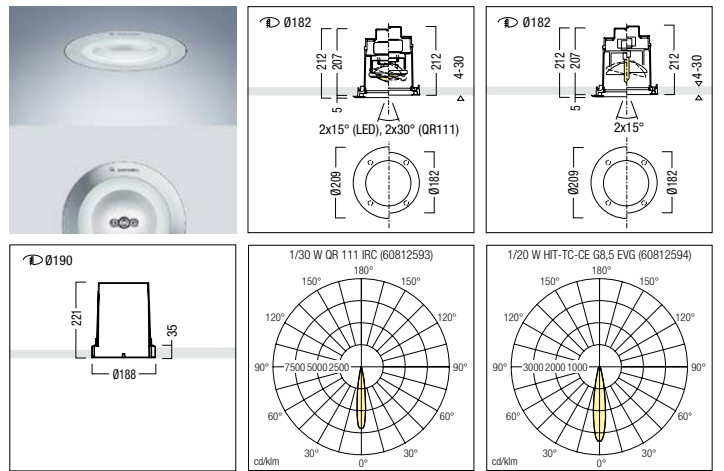
|   |   |            |
|---|---|------------|
| 1/20 W HIT-TC-CE G8,5 EVG spot electronic | ▽ | 60 812 594 |
| 1/30 W QR 111 IRC white powder-coated     |   | 60 812 593 |

Circular surround (flush ) with concrete casting surround kit

|   |   |            |
|---|---|------------|
| 1/20 W HIT-TC-CE G8,5 EVG spot electronic | ▽ | 60 812 601 |
| 1/30 W QR 111 IRC white powder-coated     |   | 60 812 600 |

Accessory

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)     | 60 800 294 |
| D190 glass seal                             | 60 800 276 |
| Filter holder D190, for a max. of 2 filters | 60 800 195 |
| Honeycomb mesh D190, black                  | 60 800 201 |
| Blocking filter IR filter D190              | 60 800 231 |
| Colour filter blue                          | 60 800 214 |
| Colour filter green                         | 60 800 215 |
| Colour filter red                           | 60 800 213 |
| Colour filter yellow                        | 60 800 216 |



**PASO II DLH/DLB 260 circular**

Order no.



- |...|
- PG cable gland, through-wiring possible
- Connection: 3-pole terminal strip
- HIT-CE:  $\pm 15^\circ$  tilt
- Mains voltage: 230–240 V / 50/60 Hz
- Maximum surface temperature of glass panel: 97 °C for HIT 70 W; 76 °C for HIT 35 W
- Max. of 2 accessory parts installed using filter holder
- Cavity installation: ceiling thickness 4–35 mm
- 1/70 W HIT-CE: cannot be used with filter or honeycomb louvre

**Circular surround (overlapping) with cavity installation kit**

|                             |            |
|-----------------------------|------------|
| 1/35 W HIT-CE G12 VVG flood | 60 812 591 |
| 1/70 W HIT-CE G12 VVG flood | 60 812 592 |

**Circular surround (overlapping) with concrete casting surround kit**

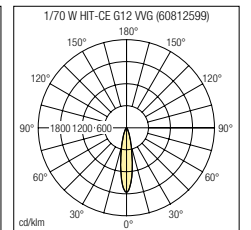
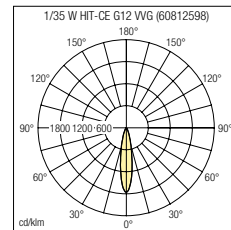
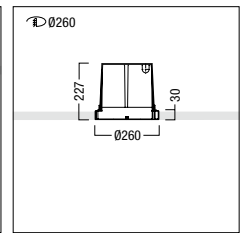
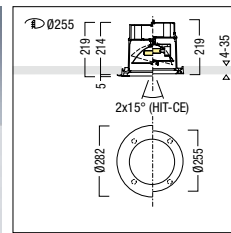
|                             |            |
|-----------------------------|------------|
| 1/35 W HIT-CE G12 VVG flood | 60 812 598 |
| 1/70 W HIT-CE G12 VVG flood | 60 812 599 |

**Circular surround (flush ) with concrete casting surround kit**

|                             |            |
|-----------------------------|------------|
| 1/35 W HIT-CE G12 VVG flood | 60 812 605 |
| 1/70 W HIT-CE G12 VVG flood | 60 812 606 |

**Accessory**

|   |            |
|---|------------|
| 13.5 cable gland in special steel (V2A)     | 60 800 294 |
| D260 glass seal                             | 60 800 278 |
| Filter holder D260, for a max. of 2 filters | 60 800 197 |
| HIT-CE anti-glare plate                     | 60 800 612 |
| Blocking filter IR filter D260              | 60 800 233 |
| Colour filter blue                          | 60 800 222 |
| Colour filter green                         | 60 800 223 |
| Colour filter red                           | 60 800 221 |
| Colour filter yellow                        | 60 800 224 |



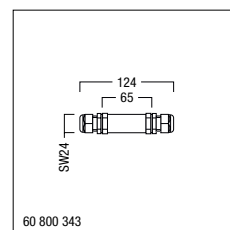
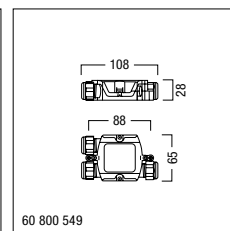
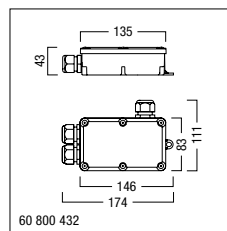
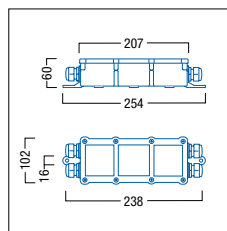
## Universal box / cable connector

Order no.



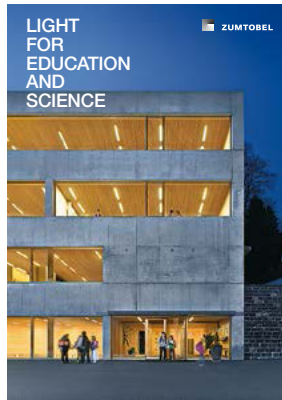
- IP67 multipurpose box (60 800 235): Designed for connecting up to 4 suitable cables; can be used to accommodate control gear or to through-wire mains or bus lines.
- IP67 MINI multipurpose box (60 800 432): enables connection of up to 3 appropriate supply lines (H07RNF, etc.); for through-wiring of mains cables outside luminaire unit
- IP67 cable connector (60 800 175): 4-pole, max. 1,5 mm<sup>2</sup>; cable ends are fed through gland (providing seal) into cable connecting terminal; cables can be disconnected, e.g. when replacing LED circuit boards modules
- IP67 cable connector (60 800 343): 3-pole, 4 mm<sup>2</sup>; cable ends are fed through gland into screw terminals; cables can be disconnected if needed
- Cable entry via 4 SW32 (M25) cable glands for cable Ø 6.4–16 mm; includes 2 cable-gland plugs; 6-pole connecting terminal, max. conductor cross-section 4 x 2.5 mm<sup>2</sup>
- Three SW25 PG cable glands for cables Ø 4.3–11.9 mm; 4-pole connecting terminal, max. conductor cross-section 2.5 mm<sup>2</sup>
- Cable connector for 3 cables, IP67 (60 800 549): 3-pole, 1.5 mm<sup>2</sup>, IP67; allows up to 3 cables to be connected plus connecting terminal; can also be used for through-wiring

|   |            |
|---|------------|
| 3-way IP67 cable connector, 3x1.5 mm <sup>2</sup>             | 60 800 549 |
| IP67 cable connector, 3x4.0 mm <sup>2</sup>                   | 60 800 343 |
| IP67 cable connector, 4x1.5 mm <sup>2</sup>                   | 60 800 175 |
| IP67 multi-purpose box for transformer or through-wiring IP67 | 60 800 235 |
| MINI IP67 multi-purpose box for transformer or through-wiring | 60 800 432 |





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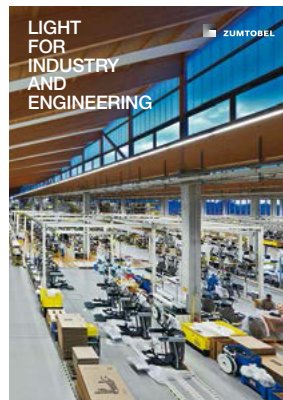
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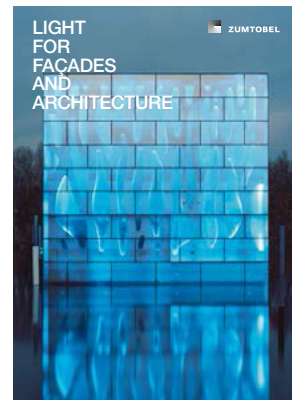
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**Zumtobel, a company of the Zumtobel Group, is an internationally leading supplier of integral lighting solutions for professional indoor and outdoor building lighting applications.**

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